



CLUSTER NETWORK MEMBERS

An aerial photograph showing a vast blue body of water on the left, meeting a coastline. To the right of the coastline, a city is visible, surrounded by a dense layer of white clouds. The sky above is a clear, deep blue.

AERONAUTICS, SPACE AND DEFENCE CLUSTER



INTERVIEW

AED PRESIDENT, JOSÉ NEVES

What is AED?

AED Cluster Portugal (AED) is the Portuguese Cluster for the Aeronautics, Space and Defence Industries and was created in 2016, as a private non-for-profit organization. The Cluster involves more than 140 Portuguese entities (Companies, Institutes and Academia) sharing significant synergies in multiple industrial, research and engineering domains.

What are the Cluster's main goals?

The AED's mission is to be a trusted added value partner for the Aeronautics, Space and Defence sectors in Portugal, fostering growth in key opportunity areas, by acting as an entry point and one-stop-shop for every national and international stakeholders. Our goal is to foster a positive networking environment for cooperation, enabling the competitiveness of the Portuguese industrial, scientific and technological communities. And, so far, the results have been amazing.

Which results do you find most interesting?

The Portuguese market dynamics and the consolidation of new business opportunities

has been outstanding for the last decade. At a global level, we see an increasing awareness and recognition of the quality of our human resources and the competitiveness of our industries. The National ecosystem is not local anymore, but rather global, possessing already the capacity to deliver value through the entire development life cycle, which allow us to set ambitious goals for the future.

If you look carefully, today, we have Portuguese enabled technology from the depths of the oceans to the outer space.

What is the Cluster's outlook for the future?

We strongly believe that the efforts and initial investments, already performed by our associates, will foster a consolidated and fruitful future for AED at a global level. The Portuguese ecosystem has already given proof of its value and it is, still, facing a big growth potential, capable to cope with the challenges these industrial sectors are facing. For us that is clear and, as a Cluster, it is our purpose to show that to the world.

RELATIONS

COOPERATION AND REPRESENTATION

AED Cluster Portugal is committed with policy and representation activities next to its national Government and Institutions, but also considers international engagement and cooperation a key priority to increase its reach and visibility. This has driven AED to develop strategic partnership alliances, celebrate bilateral protocols and participate in international collaboration platforms. In line with this approach AED is a member, and committed partner, amongst others, of the European Aerospace Cluster Partnership (EACP), ASD Europe and EUROSPACE.

CLUSTER PROTOCOLS



INTERNATIONAL RELATIONS



NATIONAL RELATIONS



INTERVIEW,
AED PRESIDENT 4

RELATIONS,
COOPERATION AND REPRESENTATION 5

ABOUT US,
AED CLUSTER PORTUGAL 7

AED MEMBERS 10

ABOUT US

AED CLUSTER PORTUGAL

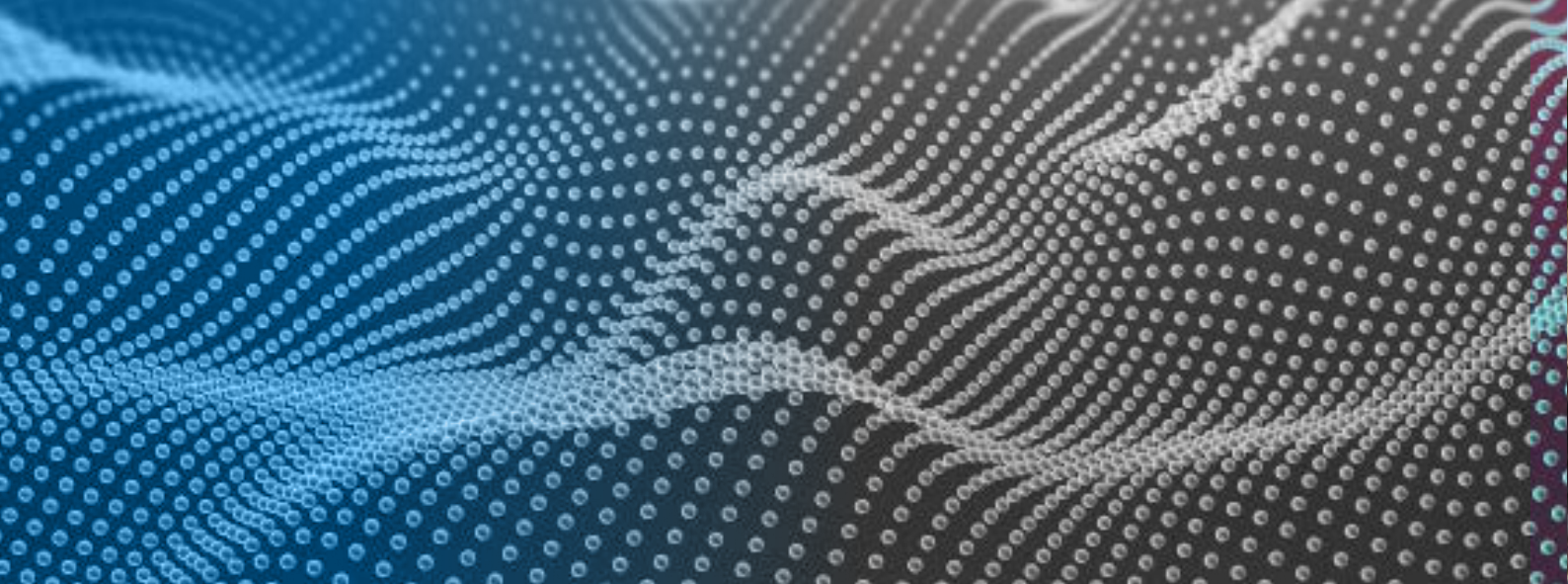
The Cluster gathers the main stakeholders from the three sectors, being able to act as an entry point and a one-stop-shop in Portugal, for all national and international players.

AED Cluster Portugal strategic objectives lie within four main building blocks – **Funding and Regulatory; People and Competences; Innovation and Value; Markets and Opportunities** -, with a clear mission to promote the advancement and consolidation of Portugal as an international reference on the Aeronautics, Space and Defence global industries.





AED MEMBERS



A360 GLOBAL



Aeronautic

First Portuguese Purchasing & Procurement Platform for Aerospace, Space, Defence and Security

A360 GLOBAL is a Portuguese purchasing/distribution center that operates for the Portuguese market.

More than just a distributor, your partner!

At A360 Global we recognize that the CUSTOMER is #1

- Shopping center: a single point of contact that can manage your purchases of specific materials; centralize purchases, providing our customers with a service tailored to their level of requirements.
- Risk prevention: we are committed to the safety of people and property, as well as flight safety.
- Storage and consignment: we guarantee security and traceability throughout the entire process, from reception to stock control.
- Kitting: We provide custom-made product kits.



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ABSANT TRAINING



Aeronautic

Consultancy and Training, Civil Aviation

ABSANT TRAINING is a Portuguese company whose corporate purpose is to design, develop and deliver Training and Awareness Actions in technical, behavioral and organizational areas in the areas of Civil Aviation, Health and others.

Using the commercial name of ABSANT TRAINING, it is integrated into the ABSANT GROUP, a business group that also includes the ABSANT CONSULT Company that provides Consulting and Training, specialized in Civil Aviation, also covering the areas of Human Resources, Patient Safety, Contact Centers and ISO Systems.

ABSANT TRAINING is approved by ANAC (National Civil Aviation Authority) as a Training Organization (OF) and Recognized Training Entity (ERF), for Practical Training and Practical Exams of Remote Pilots of Unmanned Aircraft (at the date and according to ANAC information, it is the only one certified in Portugal)..



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CYBERSECURITY AND SECURE COMMUNICATIONS.

ACTIVE SPACE TECHNOLOGIES



Space

Structures and mechanisms for Space; Condition Based Maintenance systems for extreme environments

Active Space Technologies is an European based company operating in space, aeronautics, nuclear and industry. Active Space Technologies offers bespoke electro-mechanical systems for extreme harsh environments, such as instruments and mechanisms, actuators and wireless sensing systems. Our systems are qualified for high-g, high temperature radiation environments. Our core activities focus on:

- space instrumentation;
- structural and thermal control systems for space applications;
- harsh environment monitoring and control systems for aerospace applications;
- remote handling systems for hazardous and radiation environments;
- automated systems for industry.

Reference  Clients  Projects  Products

 Airbus Defence and Space

 Thales Alenia Space

 Avio Aero

 Safran

 iBearing

 iGear

 Solar Orbiter

 MGSE

 EGSE

 PCDU



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ADYTA



Defence

Cybersecurity, safe communications and IT Consultancy.

ADYTA is a Portuguese company, spin-off from the University of Porto, where it was founded, in 2015, resulting from Research & Development projects in the area of Computer Science.

Our main office is at UPTEC – Science and Technology Park of the University of Porto, from where we maintain a close relationship with the academic environment, which allows us to be at the forefront of research and development in the areas in which we operate.

We are specialists in Cybersecurity and Information Technology Consulting, able to help our clients in an increasingly digital world.

We face each project as a challenge and adapt to the needs of our customers.

Flexibility is one of our mottos, as each customer is a partner for us.

We imprint innovation in every job and seek to evolve with every challenge. external audit to verify legal and regulatory requirements.



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AERNNOVA

Design and Manufacturing of
aerostructures and components



Aeronautic



Defence

AERNNOVA
Évora

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AERO3PLUS

Audit, Consulting, Fomation

The goal of Aero3Plus is to create added value to the ASD sectors, providing 3 core services: Audit, Consulting and Formation.

The **Audit** is divided in three services:

- 1st Service** - Internal audit on the client, primarily to prevent conflict of interest or personal factors interfering with the process of this action;
- 2nd Service** - external audit at the customer's supplier, to evaluate important criteria for the organization that is a customer of products or services;
- 3rd Service** - external audit to verify legal and regulatory requirements.

Within the **Consultancy** activities, Aero3Plus provides services in engineering and industrial management, consultancy for the implementation of the EN 9100 (and ISO 9001) standard, providing all the support for the company to establish, document and implement a QMS, prospecting and selection of suppliers/clients for customer and help for installation and foreign investment in the ASD areas in Portugal..

Aero3Plus also provides quality **Training** for aerospace according to EN 9100 requirements and/or "prime customer" requirements.



Aeronautic

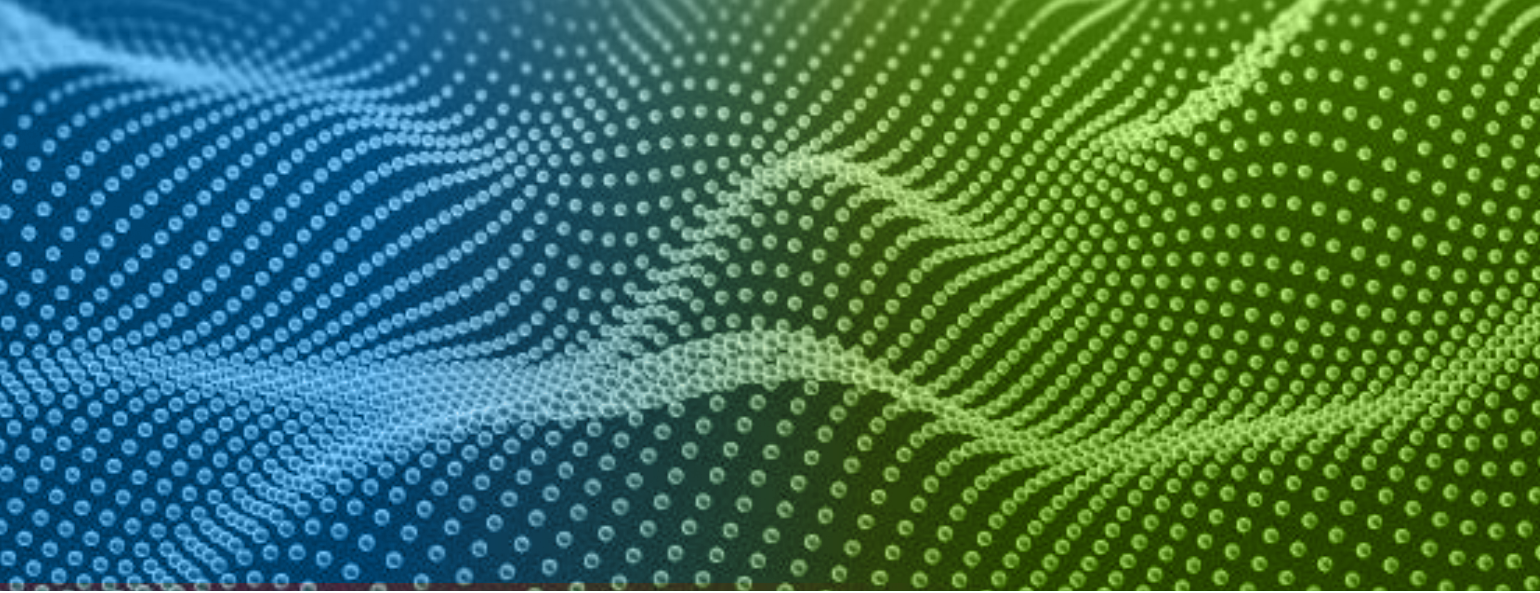
Reference  **Clients**  **Projects**  **Products**

-  ISO 9001 Certification Audit
-  EN 9100 Certification Audit
-  NADCAP Accreditation Process



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AEROHELICE



Defence

Propeller Maintenance, repair and overhaul.

Aerohelice was established in February 1981. Delivering a professional, competent and qualified work, the recognition by the market has inevitably grown. As the clients list grew, we had to move twice in a short period, for a more spacious workshop.

We position ourselves at a high level because we are exigent and responsible. The continuous technical update and refining techniques, in cooperation with parts and components manufacturers, are patent in various different certificates, and EASA Part 145 and ISO 9001:2015 approvals. Our capabilities include:

- Propeller;
- Governors;
- Accumulators;
- Syncrophaser's;
- Wheels;
- Brakes.



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AEROMECH



Aeronautic



Defence

MRO Solutions on Defence, Business and Civil Aviation

Aeromec is an aircraft maintenance and engineering EASA Part 145 and NATO AQAP 2120 organization providing MRO services for fixed and rotary wing aircraft.

With more than 25 years of experience, AEROMECH is the maintenance support provider of OMNI Aviation Group and many Customers worldwide.

Our solutions for Defense, Business and Civil Aviation include line and base maintenance, interiors refurbishment, special mission equipment, aerial firefighting systems, consultancy and training, logistical support, modifications and avionics upgrades.

Reference Clients Projects Products

- Air Forces
- Airlines
- Operators



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AEV

Scientific Dissemination and Applied Research.

AEV- Association of Summer Schools is partner of the I.P.N. Instituto Pedro Nunes/Coimbra. They participate with this institution in several Education/Training projects, mostly oriented to Secondary School Teachers and Academia Ciência Viva for Teachers.

They create educational activities with the Arduino microcontroller so that high school students can learn more about astronomy.

Arduino makes it possible through the creation of the next generation of STEAM programs, that we can empower students on their learning journey through middle school, high school, and college.



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AFIPRE

High precision cutting tools

Afipre - Ferramentas de Corte, Lda. is a manufacturer that develops and produces special high precision cutting tools for the metalworking industry, offering for its customers a wide range of customizable and innovative solutions.

As a well-structured company in the market, Afipre - Ferramentas de Corte, Lda. stands out for the quality of our services and products. We offer an effective answer to all our customers' requests and demands and for that purpose we have a team of qualified, dedicated and prepared professionals.

Constantly investing in the most recent technologies and solutions, the work is carried out with maximum precision with the latest CNC and manual machines, offering great constructive processes and quite perfect finishing.



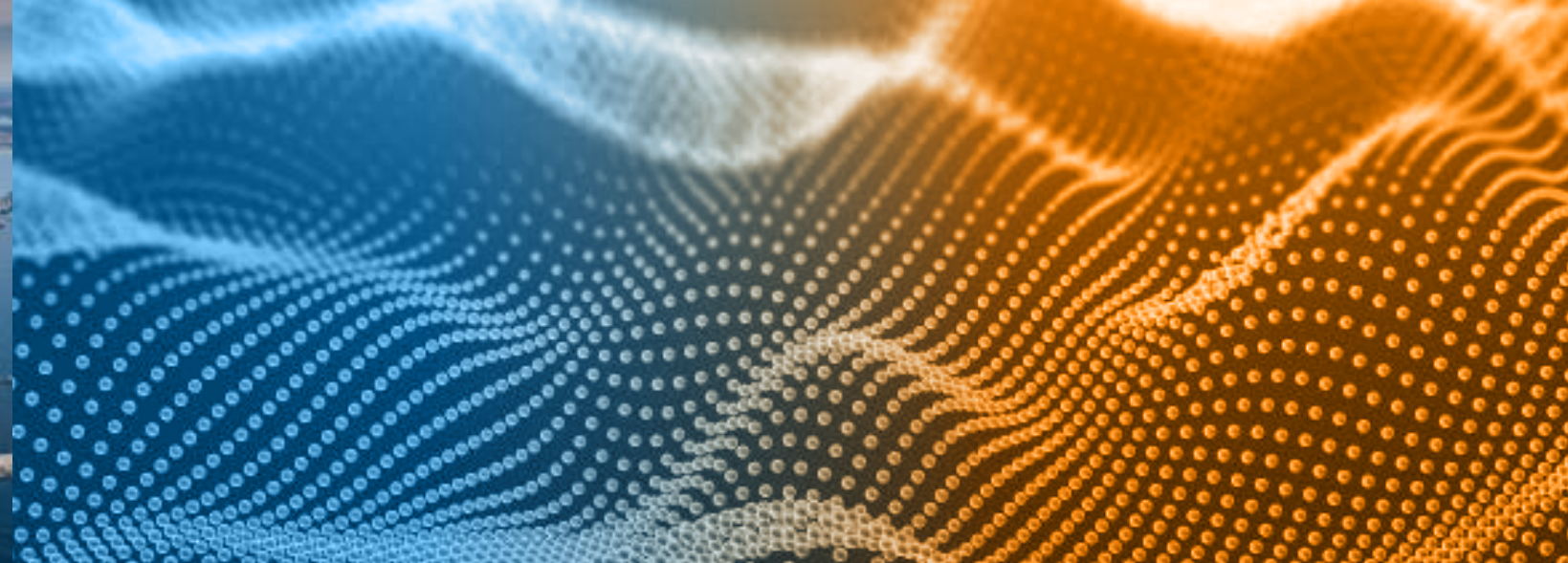
Reference  **Clients**  **Projects**  **Products**

-  Customized carbide solutions and combined tools in PCD, with mechanical screw or welded
-  Certification ISO 9001



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AICEP GLOBAL PARQUES

**Procurement and consulting services;
Management of business parks.**

aicep Global Parques is part of Aicep Portugal, the Portuguese Governmental Entity for Investment and Business Development and is the national reference partner specialized in supporting business location strategies. We are a State-owned company dedicated to the management of business parks and the provision of procurement services for industrial and logistic projects in Portugal.

Within aicep Global Parques' mission, the company offers solutions to investors in search of a suitable site to set up their business in Portugal, particularly as a support to the activities of their main shareholder, AICEP.



Aeronautic



Space



Defence

Reference

 Clients

 Projects

 Products

 LAUAK

 Mecahers



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AICOX

**Satellite Communications, IT, Mobile
Communications and Defence and
Security solution**

Founded in 2000, AlphaC2 was created with the mission to offer its clients highly technological solutions and products with great added value.

Operating in various fields, from Industrial Solutions to Satellite and Cellular Communications, to the Space Segment and Solutions for Defense and Security, it has built reliable partnerships over the years with the most distinguished players in these industries.

The demanding markets where AlphaC2 operates require a constant attitude of innovation. That is our hallmark.

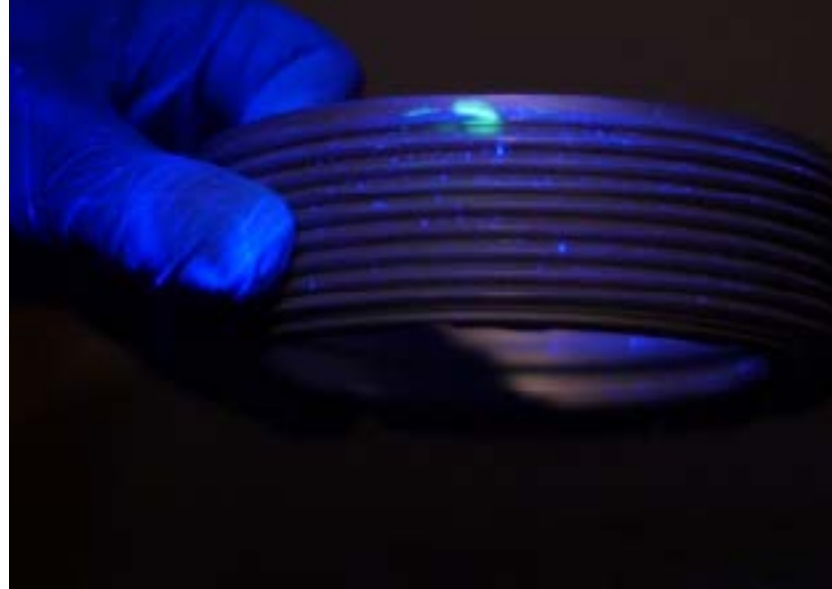
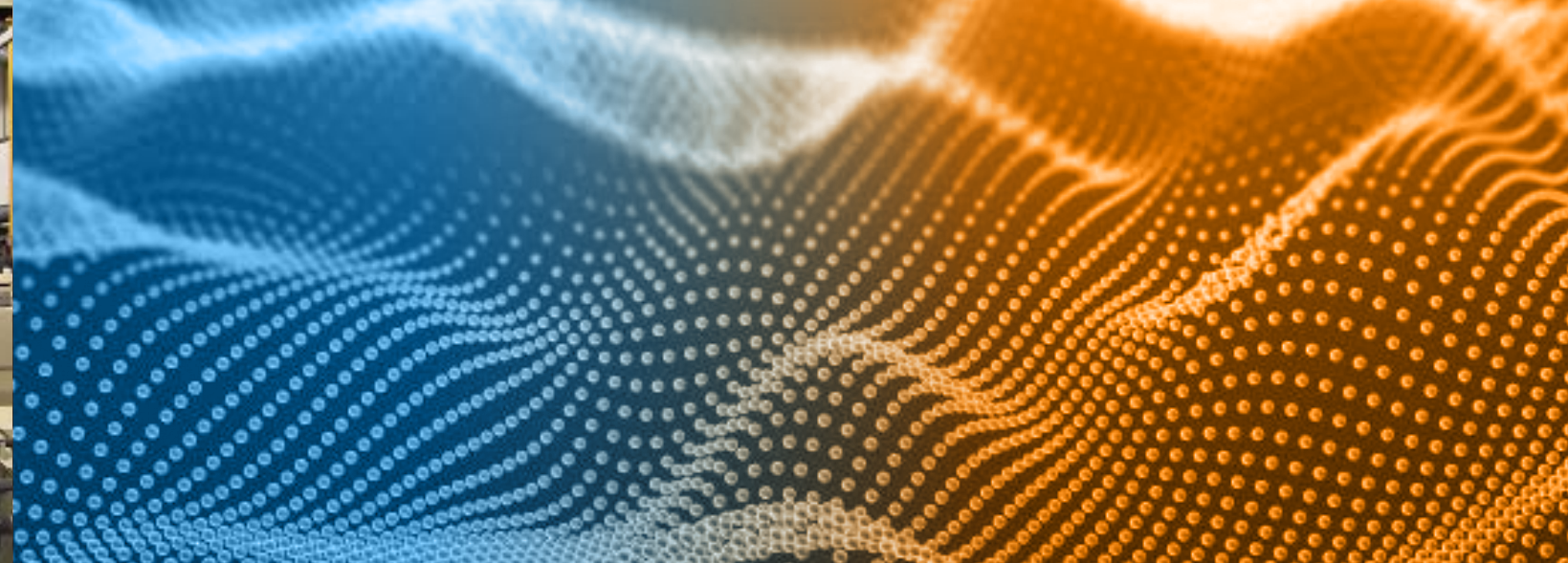


Defence



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AIR OLESA

Moulds; Special Tools; Precision Machining; Special Parts.

Part of OLESA Group, established in 1992, Air Olesa was created as part of the aim of the group to serve the Aerospace Industry and under the continuous development strategy that the group as followed since its foundation.

Air Olesa is a new, modern and dynamic company, a living example of continuous improvement.

Using modernization as its key element, the company is nowadays in the high technology segment. The constant investment in top of the range machinery and software is a reality the company is proud of and one which provides their clients a level of safety/trust worthy of the name they represent.



Aeronautic



Space



Defence

Reference **Clients** **Projects** **Products**

- Tier 2 supplier for the Automotive Industry
- Machining and Surface Treatments of metallic parts for LAUAK Aerostructures Setúbal (AIRBUS A320, A330 and A350 Programs)
- Qualified AIRBUS supplier for Special Processes (Surface Treatments, Painting, Penetrant Testing)



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AIRBUS

New global champion for Airbus; Sustainable Aviation Industry.

New global champion for Airbus. Sustainable Aviation Industry.

Airbus has had a strong growing bilateral relationship with Portugal for more than 50 years. As a trusted partner of the Portuguese aerospace industry, Airbus supports the airline operators with the most modern commercial airplanes and aviation support services and the government with the top-notch defence capabilities and advanced space technologies.

Airbus sourcing from Portugal stands at over €65 million annually from a network of more than 35 suppliers. The country is a key contributor to all Airbus programs, from commercial aircraft assemblies to helicopter electric switchboards, from machining to composite assembly. Airbus programmes currently support nearly 1,000 jobs in the country and more than 4,000 people work with its supply chain partners.

Airbus Atlantic is positioned at the heart of the Airbus value chain to meet the major challenges of a sustainable aviation industry that is a pioneer in new technologies.



Aeronautic

Reference **Clients** **Projects** **Products**

- TAP
- Hi Fly
- SATA Azores Airlines
- PASSARO (EU Clean Sky)
- FUSE-IT (Eureka Programme)**
- SATIE (EU Horizon 2020)



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Akkodis

Engineering a smarter future together

AKKODIS



Aeronautic

AKKODIS

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ALLIO GROUP



Aeronautic

ALLIO PORTUGAL

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Design and manufacture of light and heavy: primary part toolings, assembly jigs, checking fixtures; for aerospace industries.

Active since 2006 in Romania, in Portugal 2022 and in France, ALLIO GROUP is well-know throughout Europe and other areas for its expertise, the quality of its services and its competitiveness.

Originally part of a well-known and highly-experienced French industrial group, our company perfectly combines the competitiveness of its manufacturing processes with the considerable expertise it has acquired over the years. Expert in design and manufacture of checking fixtures, toolings, mechanical parts and prototypes in the areas of automotive and aerospace as well as in other areas of industry, ALLIO GROUP offers its customers, including major actors and key contractors, tailor-made solutions and high-quality services.

The experts in our design office, project department and workshop have a deep knowledge of our customers' technical needs.



ALMADESIGN

Industrial design in Aeronautics and Land transport systems; Design Management.

Almadesign is a Portuguese industrial design company whose core competencies - industrial design and design management - are focused on structuring methodologies for product development and industrial innovation.

Almadesign's focus is innovation through design, based on the development of human-centric technology based solutions mainly for Transports, Industrial equipment, Electronic appliances, Furniture and Interiors.

Based on 20 years of experience and expertise in design, engineering and architecture, Almadesign works together with its customers and partners throughout the whole product development process, identifying and structuring requirements, conceptualising and developing solutions for production and marketing.



Aeronautic

Reference  **Clients**  **Projects**  **Products**

-  Embraer
-  Eviation
-  TAP
-  Life Project (Crystal Cabin Award 2012 for "Visionary Concept")
-  Flexcraft Project
-  A330 Retrofit, for TAP
-  PASSARO (Clean Sky 2)
-  Alice, for Eviation

almadesign

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ATLAR INNOVATION



Aeronautic

Advanced computing solutions for Big-data and Big Science Desing, implementation and operation of Ground Stations for Space Observation, Space Debris Surveillance and Mitigation. R&D Consultancy in Astronomy and Astrophysics

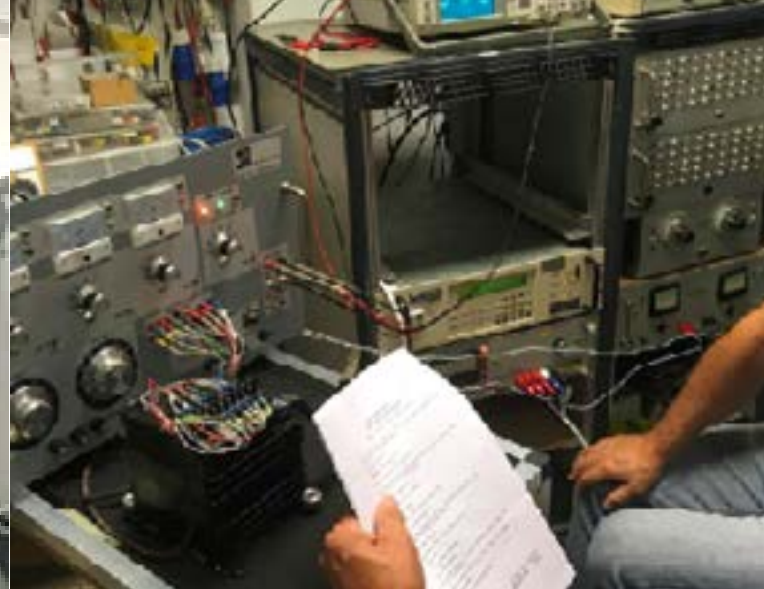
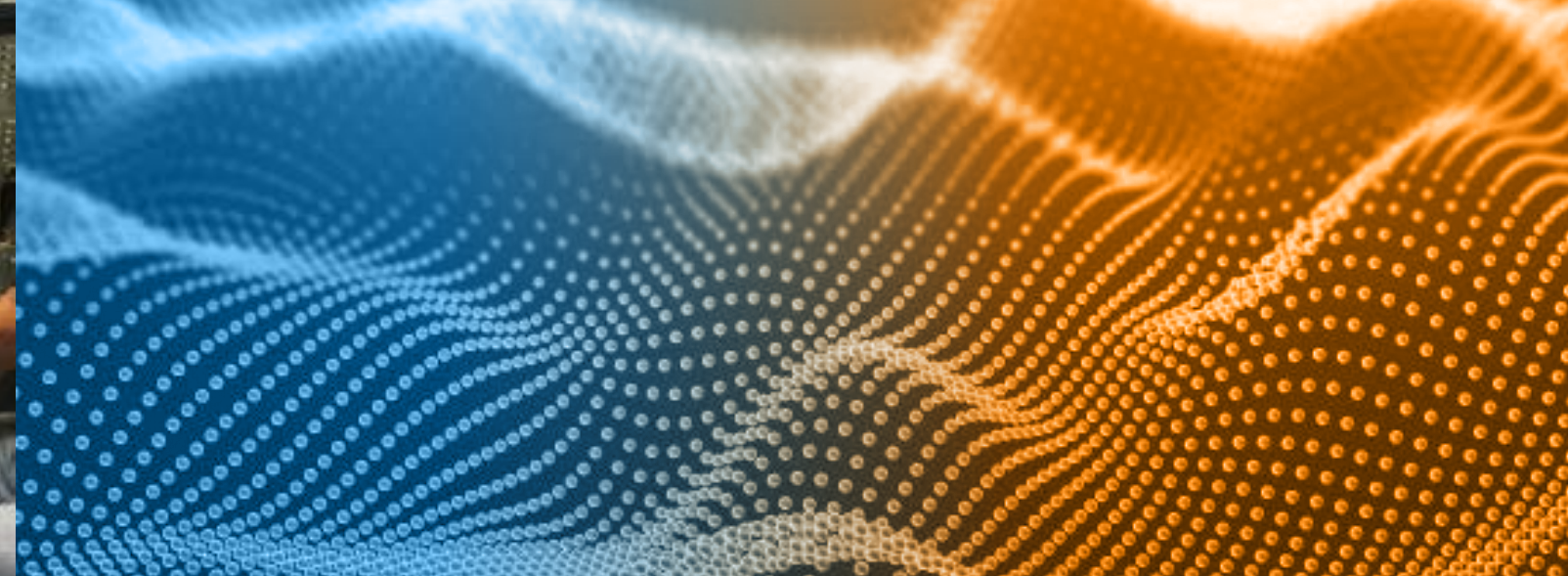
ATLAR is a young start-up with a highly qualified team currently consisting of 18 employees, distributed across three locations: Pampilhosa da Serra, Aveiro, and Terceira Island. ATLAR develops innovative solutions for high-tech engineering systems, as well as information systems, products, and services of the highest quality, innovation, and added value for the Space, Defense, Industry 4.0, and Big Science sectors.

ATLAR is a leader in the operation, monitoring, and maintenance of the National Operations Center for the EU SST coordinated by the Ministry of National Defense and a leader in software development for the SKAO.

ATLAR
INN NATION

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AVP - AERO VOO PORTUGAL



Aeronautic



Defence

MRO Components, Authorized Repair Facility.

AVP is an Avionics Repair Facility since 1996.

Authorized by:

- Portuguese Ministry of Defense;
- EASA PART 145.

Specialized into

- Legacy European military Aircrafts;
- Mechanical Instruments;
- Electronic Instruments;
- Navigational Equipment;
- Communication Equipment;
- Gyro Systems;
- Automatic Pilot;
- Search lights;
- Oxygen Regulators;
- Hydraulic Systems.

AVP is a very capable & qualified Repair Station with extensive repair & inspection capabilities. We specialize in Avionics & Instrument repair.

Reference Clients Projects Products

OGMA

Portuguese Air Force

Portuguese Naval Force



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BEINTEC



Aeronautic



Defence

Industrial Engineering, Concept & Functional Models Production, Advanced Precision Manufacturing, Rapid Tooling

BEINTEC is a Portuguese company found in 2021 and designed to provide the latest generation technologies, services and products to the industrial sector.

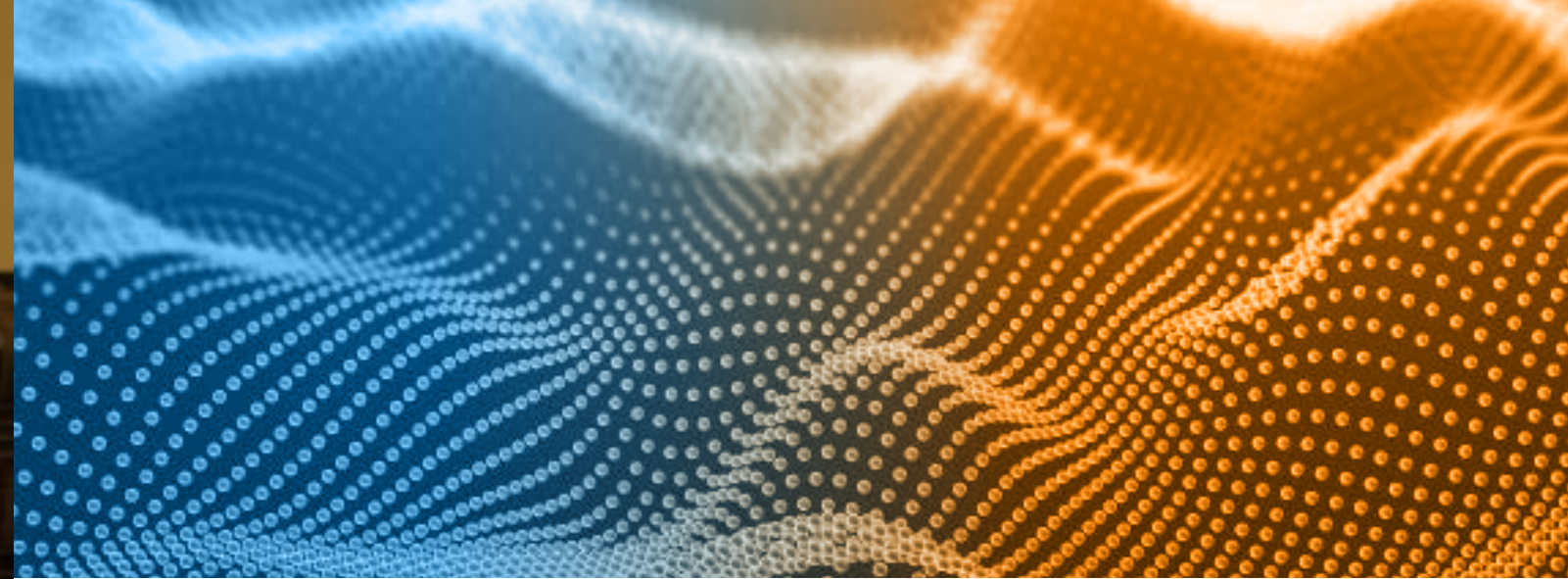
BEINTEC conglomerates the latest state of the art equipment with the most highly experienced and skilled human team.

BEINTEC is focused on provide answers along different stages of a product development cycle - from Product concept to its production, through engineering, rapid tooling & manufacturing, assembly control fixtures design and production.



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BEYOND COMPOSITE

Dedicated to the field of Advanced Composite Materials

Beyondcomposite is oriented to the design, development, validation and production of components in advanced composite materials.

Our range of markets are the ballistic industry (personal and vehicle protection), aerospace and mobility industries (boats, automobile and trains), sports (personal protections) and healthcare (prosthesis, etc.). The skills of the company to successfully accomplish a project are:

- Development of the composite design (e.g. structural)
- Prediction of material behaviour
- Product development in advanced composites;
- Monitoring of projects

In the field of advanced composite materials there is a constant demand for high performance and lightweight composites, which we take into serious consideration. Our knowledge on materials and fibres, fibrous structures and nanocomposites allow us to develop multiscale composites (with reinforcements at different scales), multigrade composites (different properties tuned by layer) and self-sensing composites.



Space

For the entire process of a product project, we have the capability to use several technologies:

- Hand lay-up
- Hot and cold compression molding
- Autoclave (3.5 x 2 m)
- Vacuum infusion
- RTM (Resin Transfer Molding)
- CNC Machining(6 x 3m)
- Thermoforming (2.5 x 1.5 m)
- FDM 3D Printing (700 x 600 mm with 600 mm height)



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BEYOND GRAVITY



Space

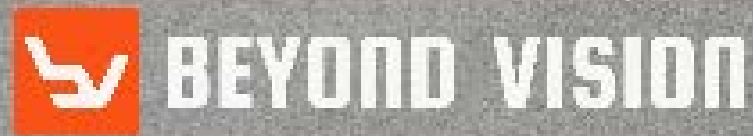


Defence



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BEYOND VISION

Latest AI-powered UAV technology for security and defense.

Beyond Vision UAV (Unmanned Aerial Vehicles) is a prominent drone manufacturer, established in Lisbon in 2013. Specializes in producing highly capable and affordable UAVs that are designed as dual-use technology with NATO guidelines and certifications, making them suitable for both civil and military markets. With many years of R&D, Beyond Vision is constantly innovating and advancing its technology to provide state-of-the-art solutions to our military partners. Developing highly advanced systems that have multiple AI (Artificial Intelligence) algorithms developed for the civilian market that can also be used for military applications.

- Adaptability and customization
- Payload versatility
- Electronic warfare capabilities
- High-performance and durability
- Remote operation
- Real-time data
- Efficient operation



Aeronautic



Defence

- Reference** **Clients** **Projects** **Products**
- VTOne - Class 3 Quadcopter Fixed Wing
 - HEIFU Pro - Class 3 Hexacopter
 - HEIFU - Class 3 Hexacopter
 - beXStream - Remote Control Software
 - beRTK - GPS-Fixed Base Station
 - 5G Mobilizer
 - AFarCloud
 - SECRDAS



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BLUE OASIS



Defence

Working towards Ocean's Sustainability: R&D; Technical Consultancy; Industry 4.0

BlueOASIS (www.blueoasis.pt) is a new Portuguese R&D company fostering the development of ground-breaking Offshore Renewable Energy, Aquaculture, Underwater Acoustics, Ocean Cleaning and Decarbonization solutions, using modern Industry 4.0 approaches, such as Data Science, Numerical Modelling, Potential and Viscous Flow (CFD), High-Performance Computing and Artificial Intelligence tools, in an open and collaborative manner. It is formed by a young multicultural team with more than 60 years of gathered knowledge and experience on Aerospace, Mechanical, Naval, Maritime Engineering and Environmental Impact issues. blueOASIS cooperates tightly with major universities and research institutes in Europe and has access to a high-level external collaborator team spread around the World. Their tools, programming, CFD, AI skills and HPC knowledge/facilities (they have more than 40000 computing-cores of HPC power spread around Europe) makes them an asset for any Ocean Sustainability project, and a unique company in Portugal.



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C2TN

R&D, Consultancy, Advanced Training and others, in Nuclear Sciences and Technologies.

Centro de Ciências e Tecnologias Nucleares (C2TN) is an interdisciplinary Research Unit of Instituto Superior Técnico (IST), Universidade de Lisboa, established in 2013, located in Campus Tecnológico e Nuclear, a IST science and technology pole located in Bobadela, Loures.

C2TN strives to promote Radiation for Science and Society and to effectively address and respond to societal challenges. It groups several tens of researchers (physicists, chemists, biologists, geologists, among others) recognized internationally as the Portuguese experts in matters related to Nuclear Sciences and Technologies and applications of Ionizing Radiation. This stems from the unique combination of C2TN's knowledge, skills and competence with its experimental facilities.

C2TN has specialized scientific equipment, laboratories and infrastructures, some unique in Portugal, used as nodes in research networks.



Aeronautic



Space



Defence



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CABLOTEC

Specialized wiring; Overmoulding and mechanical, electrical and electronic systems.

Founded in 1992, Cablotec produce harnesses / cabling and offer a range of services that can accomplish with the customer needs.

- **Wiring-harnesses / Cabling Manufacturing**
- **Research and development**
- **Design / Produce Mechanical Parts and Molds.**
- **Mechanical and electrical parts assembly**
- **Electrical cabinets**
- **Injection parts or overmoulding.**

Cablotec has a flexible structure that can provide a wide range of customer needs and requirements to ensure compliance with the most demanding national and international standards.

We operate in several industrial sectors such as Defence, Railway, Automation, Telecommunications, Electro-medical and export 80% of production for the USA and European market, namely France, Germany, United Kingdom, Switzerland and Spain.



Aeronautic



Defence



Contacts

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-  **Sintra, Lisboa**
-  **www.cablotec.com**

- Reference**
-  **Clients**
-  **Projects**
-  **Products**
-  **PIZARRO**
-  **PANDUR**
-  **ULAN**
-  **TAURUS**
-  **Injection Solutions, Overmoulding**
-  **Cables Connectorized (coaxial, optic-fiber, power connections, data transmission)**
-  **Assembly mechanical & electronic parts**



CAETANO AERONAUTIC



Aeronautic

Production and Assembly of Metallic Composites.

Located in Vila Nova de Gaia, this medium sized industrial unit was established to integrate the supply chain of the Iberian and European aerospace and defense industry. The company is dedicated to the manufacturing and assembly of parts and structures for aircraft, mainly in composite materials. With partnerships established with Airbus Military, Caetano Aeronautic aims to be recognized as a highly qualified company in the market of civil and military aviation.

Reference  Clients  Projects  Products

 ACITURRI

 AIRBUS

 OGMA

 Falcon 7X HTP

 A320 HTP and NEO Fan Cowl

 A400M Fan Cowl



Contacts

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-  Vila Nova de Gaia, Porto
-  www.caetanoaeronautic.pt

CCG



Aeronautic



Space



Defence

Information and Communication Technology; Computer Science and Information Engineering; Electronics, Communications and Computer Networking.

The Centre for Computer Graphics (CCG/ZGDV) is a research and technological development entity integrated in the Portuguese Scientific and Technological System and recognized by the Portuguese Government with the Statute of Public Utility and as a Centre for Technology and Innovation (CTI).

CCG is an Interface between academia and the economic fabric, it focuses its activity on the development of new processes, services and products for industry and society, in the areas of visual computing, ubiquitous computing, human-machine interaction and information engineering.



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CEiIA

Innovative products R&D for the Mobility industries.

CEiIA is a Portuguese engineering and product development center that conceives, develops, and turns new technologies into products and services towards a more sustainable society and, at the same time, we are one of the highest R&D investors in Portugal. We operate in aeronautics since 2009 with Leonardo Helicopters and has participated in all helicopter programs developed since then. We are also a key supplier for the Kopter SH09 / Leonardo AW09 since 2016, with over 100,000 hours of development provided. Key partner in the entire development cycle of the Embraer EMB-390 aircraft (Elevator, Sponson, Main Landing Gear Door) CEiIA has more than 800,000 engineering hours employed in the program since 2012 Built upon this experience, CEiIA started a program for the development of a Light Regional Aircraft, which allows for a multi-purpose configuration, civil and military, up to 19 passengers or 2000kg cargo. We also combine competences from automotive, mobility and aeronautics industries around the integration of horizontal and vertical mobility modes via Advanced Air Mobility (AAM) concepts..



Aeronautic



Space



Defence

CEiIA delivers services thought out the different program phases, concept, preliminary and detail development, production support, tests, certification and support in service, owning the follow certifications, EN9100, ISO 9001, ISO 17025 (ongoing) and airworthiness certifications (EASA.21J769 for Minor and Major Changes and Repairs, FAA Form 810-3 for Major Repairs and Major Alterations, STC level for large commercial aircraft category and POA with Portuguese NAA's (ongoing).

Reference Clients Projects Products

Daher

Embraer

Leonardo

ATL-100



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CELESTIA PORTUGAL

High-Tech company delivering engineering services to the aerospace industry

Celestia Portugal is a high-tech company devoted to offer and deliver engineering services to the Aerospace industry.

Our qualified team of engineers is able to perform design, development, assembly, integration and testing of hardware and software systems applied to the Aeronautical and Space sectors, including digital signal processing, software development, radiofrequency, antennas. Our your main space related products are EGSE and TM/TC SCOE (TRL 9) as well as services of Embedded Systems Development.

By being an engineering company belonging to the Celestia Technologies Group, our technical staff is also well suited to customise existing Aerospace technical solutions and products within the group to any Portuguese customer's new needs in such sectors as Defence, Science, and Telecommunications.



Space



Defence

Reference Clients Projects Products

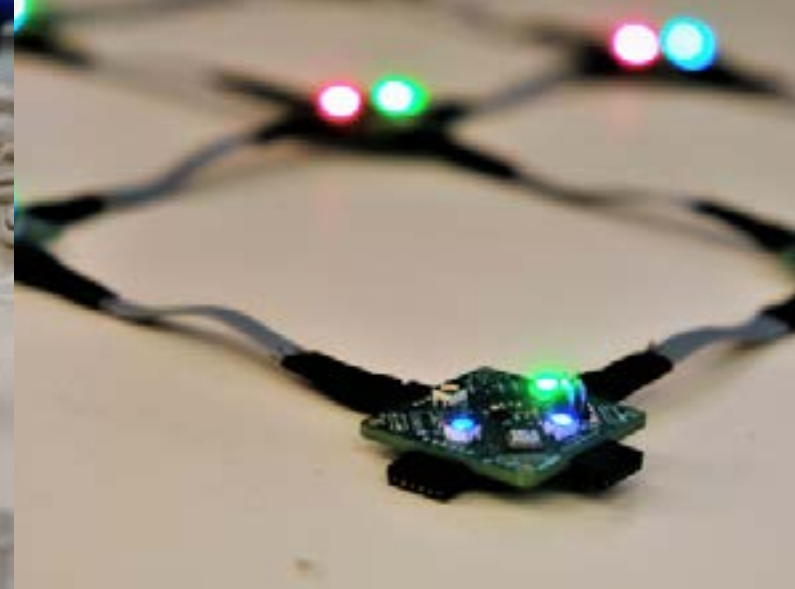
EGSE

TM/TC SCOE (TRL 9)



Contacts

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CISTER (ISEP)

Research Centre in Real-Time and Embedded Computing Systems

The Research Centre in Real-Time and Embedded Computing Systems (CISTER) is one of the leading international research centres that focuses on research, development and innovation in Real-Time and Embedded Computing Systems (RTES). CISTER has as main management institution ISEP, and since 2018, as secondary management institution FEUP. Along its 20 years of existence, CISTER became a truly international research centre, having as full time researchers individuals coming from more than 20 countries and these were participating in several international projects involving more than 200 international partners, both from academia and industry, providing seminal results and achieving a high level of participation in many of the international R&D initiatives that drive the main developments of RTES. CISTER's activity plan for the forthcoming years aligns with the international R&I agendas and societal challenges and in particular in research directions which build upon the centre's internationally recognized topics.



Aeronautic



Space

Reference Clients Projects Products

- THERMAC
- ARNET
- REASSURE
- 5GSDN
- PReFECT
- SafeCOP
- ENABLE-S3
- EMC²



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- www.cister.isep.ipp.pt

CODI

Your next pPLAYER in Additive Manufacturing

CODI has more than 20 years of experience in Product Development based on Additive Manufacturing, providing 3D Printing, 3D Scanning, Reverse Engineering and Product Development services, using the latest 3D technologies.

In the aerospace industry, we provide engineering in the development of MRO tools with additive manufacturing for support in production and assembly, composite molds, and flight parts.

Additive manufacturing allows for a faster and more efficient production process, enabling the development of custom parts with unique and complex geometries, without common restrictions of traditional manufacturing.

We have been replacing the metal used in Flight Parts with lighter and equally efficient materials, reducing the cost of production and weight, thus contributing to a reduction in fuel consumption in flight.



Aeronautic



Space



Defence



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COFICAB

Electrical Cables for the Automotive and Aerospace industry.

Member of Elloumi Group, Coficab is a leader in developing, manufacturing and sales of automotive electrical cables and wires for all major automotive wiring harness makers.

Thanks to this experience in cables industry as well as to the fruitful partnerships with its customers, Coficab expanded globally by constructing modern production facilities over the world throughout the last 2 decades.

The growth of the group has been driven by the undying concern to ensure to our partners outstanding services through performance in logistics thanks to its advanced delivery centers, and high quality products and innovation pipelines full of technological solutions and cost reduction programs thanks to its R&D and engineering centers.



Aeronautic



Space



Defence



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CONNECTED



Space

Connected is a recently established company with a steadfast commitment to providing accessible connectivity for everyone, everything, everywhere. Our vision revolves around making NB-IoT connectivity affordable, ushering in a new era of IoT-based business models, improving people's quality of life, and working to bridge the digital divide.

Connected's strategic plan involves the development and operation of a hosted payload constellation, encompassing every corner of the Earth. This constellation will offer the world an affordable, standardized, hassle-free, low-bandwidth, low-power connectivity network. This network will incorporate both space nodes and ground nodes that act as access points when standard devices are unavailable. It will cater to various applications, including personal ones like emergency support in remote areas and IoT applications such as fire prevention, livestock monitoring, defence, and ocean tracking. At its technological core, Connected aims to expand into space widely disseminated terrestrial, low-power, low-data rate communication

networks like LoRa, while ensuring compatibility with the promising integration of non-terrestrial and terrestrial networks through 5G NB-IoT standard protocols. This will allow for seamless provision of IoT connectivity to standard cellular devices.



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- www.connected.space



CONTROLAR

Test Systems, Automation Systems, Auto.ID and Aerospace & Defence

CONTROLAR is a Portuguese SME with more than 25 years of experience in the Automotive Industry and more than 15 years of experience in **AeroSpace and Defence** Industry working for the main reference companies in this market, such as **AIRBUS, THALES ALENIA SPACE, CRISA, CLEMESSY, RAYTHEON, MBDA.**

In order to ensure effective competition in the market, while maintaining high level of satisfaction and excellence, Controlar established a culture of commitment to quality and specifications. Such is achieved through the implementation of certifications and establishment of key partners. ISO9001; ISO140001; NP4457; ISO27001 and **ISO9100.**

CONTROLAR presents production units and assistance around the world with well-established partnerships with reference OEM partners worldwide.



Aeronautic



Space



Defence

Our core activities in AeroSpace focus on:

- Mechanical and Electrical Design
- High Standard Documentation
- Assembly Services and Know-How
- On Field Installation



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CRITICAL SOFTWARE

Software architecture, development and certification; System testing.

We are dedicated to the reliability and excellence that have become our hallmarks, and to maintaining our ambition of tackling the world's most demanding technological challenges. Established in 1998, we provide systems and software services for safety, mission and business-critical applications. We help to ensure our clients meet the most demanding quality standards for software safety, performance and reliability. Our data management solutions and services also provide clients with the information they need to manage their important assets and processes, helping them to achieve better business performance.



Aeronautic



Space



Defence

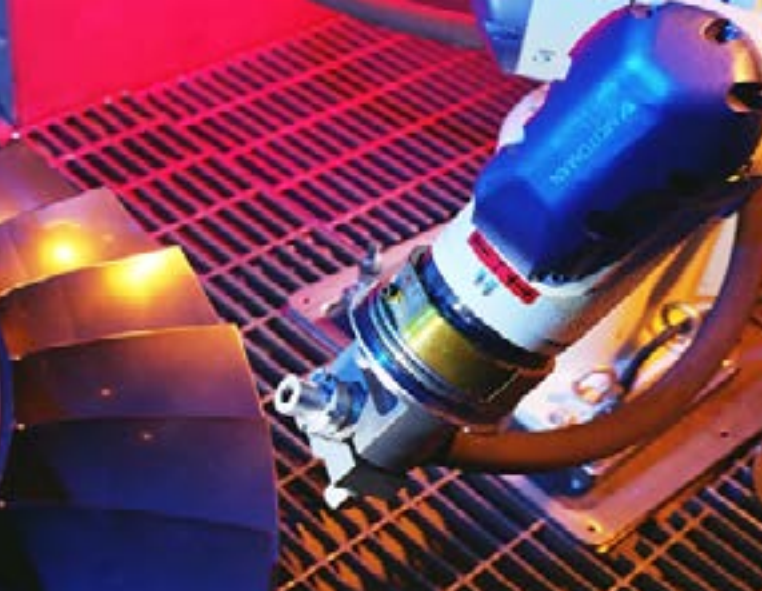
Reference **Clients** **Projects** **Products**

- Airbus
- ESA
- Leonardo
- Siemens



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- www.criticalsoftware.com



CURTISS-WRIGHT



Aeronautic



Defence

Specialist metal surface treatments, protective coatings and processes for Aerospace, Automotive, Oil and Gas, etc.

At Curtiss-Wright, we offer our customers a single source solution and point of contact for all their controlled metal surface treatments, supporting their requirements through our global network of over 70 worldwide facilities and on-site field teams, improving and reducing turnaround times and costs.

We are metal surface improvement specialists; protecting a range of components from common failures and reducing maintenance costs for key industries such as aerospace, oil and gas, automotive, medical and general industrial markets.

Building on the unique heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright Surface Technologies has a long tradition of providing innovative, metal improvement solutions and building solid and trusted customer relationships.

Surface Technologies is a Division of Curtiss-Wright Corporation, a global innovative company that delivers highly engineered, critical function metal improvement services and services to the commercial, industrial, defence and energy markets.

We increase the performance and life of metal components by protecting them against premature failure due to fatigue, corrosion, stress corrosion cracking, fretting, friction and galling, as well as environmental and thermal variation using our high performance metal surface technology.

CURTISS-WRIGHT

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D-ORBIT

Space upstream segment: mission control, ground station software, cubesat deployers, de-commissioning devices.

D-Orbit PT is focused on the development of software solutions for D-Orbit products: a free-flying cubesat deployer (ION: In-Orbit NOW) and end-to-end satellite manufacturing and launch services; decommissioning and orbit raising devices. D-Orbit Portugal delivers a modular and highly-customisable Mission Control and Ground Station software, which will operate the ION mission. We have ambitious plans to evolve this solution into a web-based, cloud hosted, fully modular platform: adaptable to different space mission profiles, constellation architectures and communication protocols.



Space

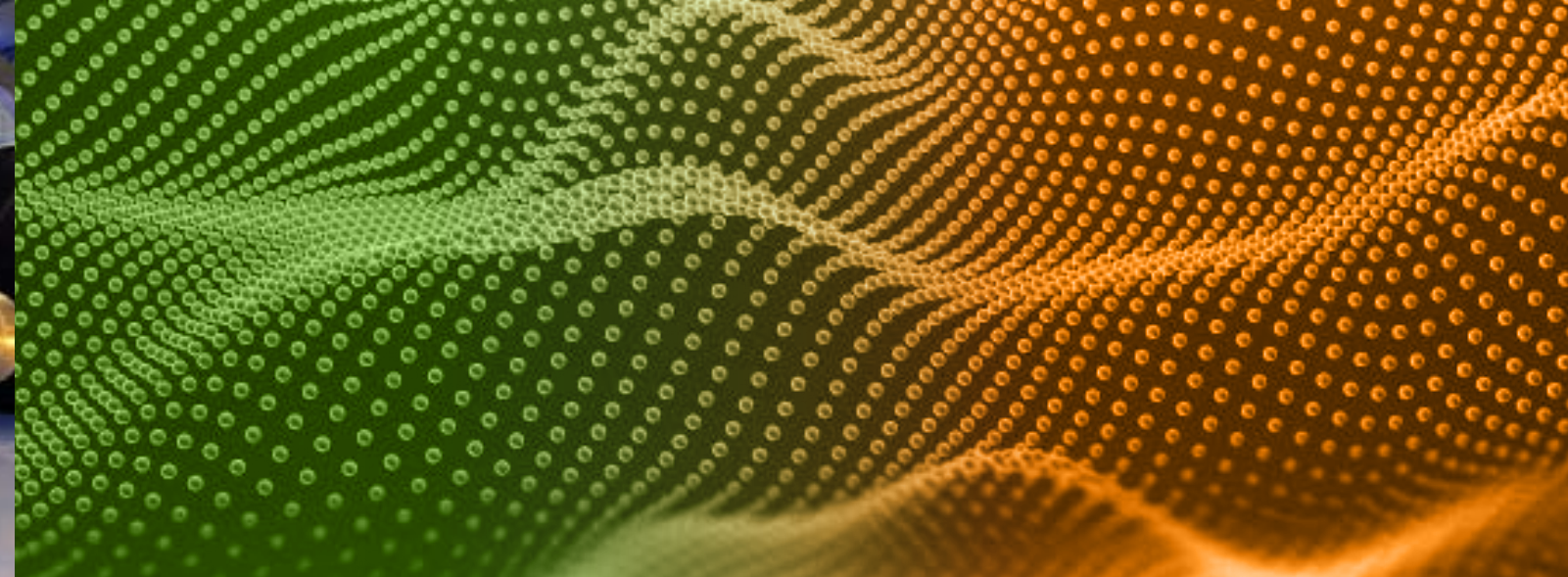
Reference Clients Projects Products

-  Eagle Eye (ESA)
-  European Comission Space Projects
-  D-Orbit D-SAT mission
-  In-Orbit NOW (cubesat deployer)



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DEIMOS

Space system engineering; Earth Observation.

DEIMOS Engenharia is the Portuguese filial of Deimos Group (300 engineers / offices in Spain, Portugal, UK and Romania), with strong capabilities in the development of satellite systems, covering all pipeline since the initial mission and concept definition, down to the user segment facilities, services and applications.

DEIMOS is present in all ESA programs and most missions. By launching and operating DEIMOS-1 and DEIMOS-2 (this last one completely integrated by DEIMOS), DEIMOS has consolidated its position in the space sector as one of the pioneers in the European Commercial Earth Observation Sector. Additionally, Deimos owns and operates the most important optical SST node of European SST System.



Aeronautic



Space



Defence



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DISTRIM 2



Aeronautic



Space

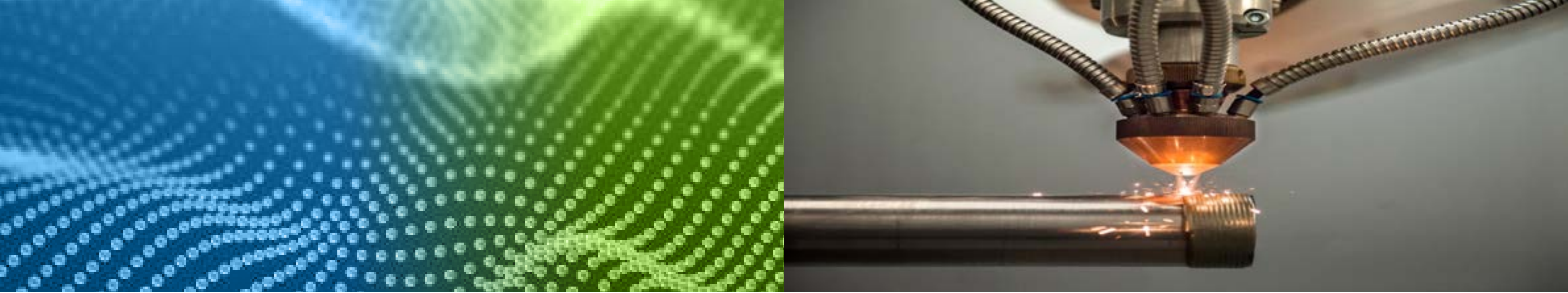


Defence



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DRAGONFLY



Space



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DURIT COATINGS

High Performance Coatings and Surface Treatments

Surface engineering with development of solutions based on the application of advanced coatings on industrial equipment components and tools.



Aeronautic



Space

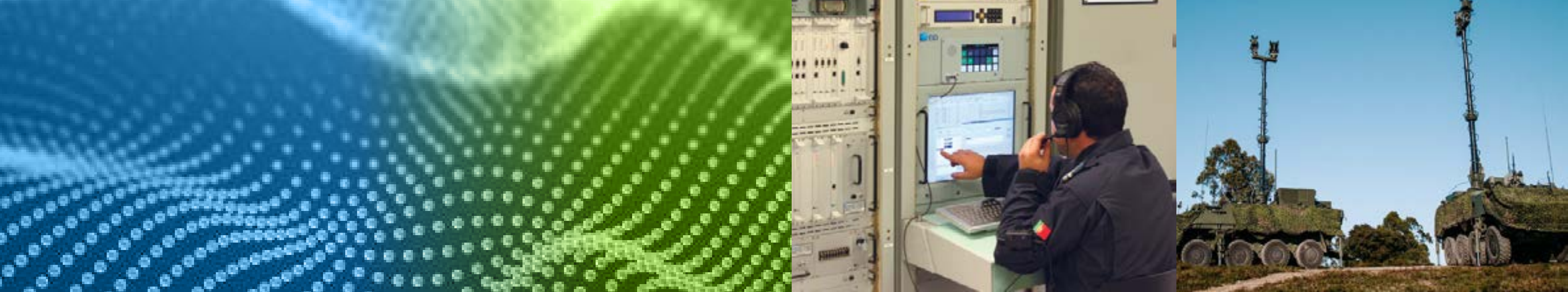


Defence



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EDAETECH

Complex metal parts production.

Edaetech was created in 2002. Its main aim is to provide engineering services, whether in the creation of new products or in the development of new solutions and new manufacturing processes. It takes part in the development, testing and manufacture of metallic components, especially for the aeronautical and automotive industries.

Edaetech supports its clients through the conception, development, industrialization and modification product stages, developing turn-key solutions with the help of its partners. In this way a faster product development is promoted, a key factor in cost reduction and business opportunity quicker response.



Aeronautic



Space



Defence

- Reference
- Clients
- Projects
- Products
- Tier 2, engine components



Contacts

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EID

High-tech industry; Electronics, Communications and Command & Control.

Established in 1983, EID is focused in the design, manufacture and supply of advanced, high performance equipment and systems, mainly for the worldwide defence and security communities.

We are active in multiple countries worldwide, with presence in Europe, Africa, South America, Middle East and in the Asia Pacific region. Nowadays 30+ countries have our C4I solutions as a part of their national/ federated defence and security systems.

EID main shareholders are Cohort plc, the UK-based independent technology group, and the Portuguese MoD Defence holding - idD Portugal Defence.

The company's most relevant fields of expertise are

- Naval Communications
- Tactical Communications
- Military Messaging
- Complex Systems Integration

R&D, innovation, flexibility, value-added partnerships and multi-cultural open-minded relations are core principles that are on the NDA of the company. In average terms, the company invests over 10% of its turnover in R&D activities.



Aeronautic



Space



Defence

EID assets rely essentially on the technological capabilities of multidisciplinary teams of highly qualified electronics, software and communications engineers, who represent the majority of our workforce.

With headquarters in the Lisbon metropolitan area, we are connected to the world, always close to our clients and partners, granting efficient solutions and long term relations.



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EMBRAER

Commercial, executive and military aircraft



Aeronautic



Defence



Contacts

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EMMAD

Technical Wood Packaging.

At Emmad we design, develop and produce industrial wooden packaging. Our products are also complemented with packaging services in our customers' facilities for the industrial equipment to be transported. Creating tailormade solutions since 1978 - and currently based at Marinha Grande in the center of Portugal - we combine experience, innovation, technology and human capital in order to guarantee the most efficient methods of packaging equipment.

We pride ourselves on having a highly qualified technical team, committed to creating customized solutions for maximum security in the packaging and transportation of goods either by land, sea or air. The success of our customers is also ours! It is for the sake of this success that we work and it is with the aim of your total satisfaction that we always bet on a synergistic relationship of partnership (win-win) based on respect and collaboration.



Aeronautic



Space



Defence

Reference Clients Projects Products

-  EMBRAER
-  OGMA
-  Mecachrome
-  Iberomoldes Group
-  Custom packaging for large structures protection
-  Packaging for small aeronautic components
-  Packaging for plastic injection molds



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ENARTIN

Engineering, Manufacturing, Assembly and Testing of Mechanical Ground Support Equipment, Containers & Special Tools

ENARTIN is focused on the design and production of Mechanical Systems, specifically Mechanical Ground Support Equipment (MGSE), transport containers and special tools, tailored for the space industry. We are committed to providing customized and high-quality engineering solutions that meet the unique needs of our clients. With a focus on innovation and reliability, we ensure that our products support the complex requirements of ground support operations and secure transportation. We are also accepting projects related to the study of materials and mechanical properties, allowing us to contribute to advanced research and development efforts in these areas.



Space



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ENGENHOTEC

Product Engineering and Prototyping.

Engenhotec was created in 2004, by its owner Dr Ir Miguel Oliveira, with the vision to offer to customers competing globally engineering products and systems development. In 2011, service was enlarged with the machining of high precision prototypes, molds and tooling, using CNC Machining Centers from 3 to 5 axis.

Our key focus of development has been the creation of a “one stop” service for:

- Complex Products and Systems Design and Manufacturing
- Prototype and Small Series
- High Precision Machining
- Tools and Fixtures for parts production
- Light and hollow parts optimized by Topological Simulation
- Rheological Optimization for Molds Design
- Hybrid Solutions 3 D Printing CNC Machining
- Circular 3 D Printing production process (all remaining metal from one production is reused for another)



Aeronautic



Space

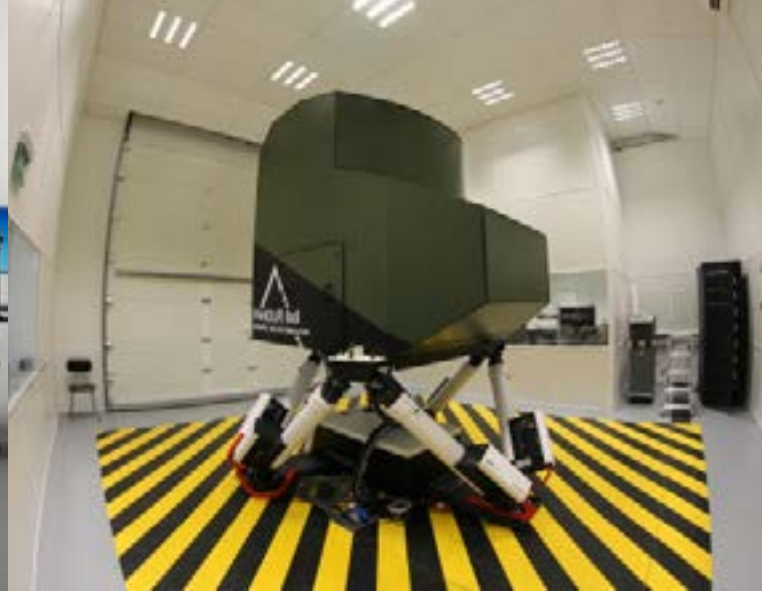
Reference  **Clients**  **Projects**  **Products**

 AVIO
 Airbus
 Active Space Technologies
 EMBRAER
 OGMA
 LEICA



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 **www.engenhotec.com**



ETI

Training & Simulation devices for complex platform and Equipments; Test Solutions of Complex Equipments.

ETI provides training solutions for the defence and aviation industry, aiming to design and integrate advanced and cost-effective customized training and simulation solutions to satisfy customer particular training needs, boosting and improving the train path of the trainees. The Company provides training solutions and simulation for operational and maintenance personnel through a range of training devices from computer-based training and procedures training to operational training. ETI also provides test solutions for complex equipment such as aircraft engines and avionics, allowing maintainers (MRO) and Operators to diagnose problems and to certify the repaired equipment before returning to service.



Aeronautic



Defence

Reference  Clients  Projects  Products

-  Airbus
-  Embraer
-  Leonardo
-  Northrop Grumman
-  GDELS – General Dynamics European Land Systems



Contacts

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FEDEX

Express Delivery Services.

TNT (now in transition to become FedEx) is the European market leader in express, logistics services.

Parcels and freight are delivered through our integrated air and road networks. Our operations are focused on the key areas of world trade in Europe, Asia, North America and South America. We have strong domestic networks and all major European countries. Our operational networks are supported by sophisticated technology which as well as ensuring service reliability provides on-line information about the status of consignments.

Some of our competencies framed in the AED sphere are: Inbound Materials Management; pick up of urgent components from suppliers; Integrated Direct Express, creating a responsive supply chain by consolidating multiple orders into one unit for shipment; Merge in Transit, coordination of customer orders for multiple components sourced from different locations; Value Added Service, on Express flows.



Aeronautic



Space



Defence



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FHP - FREZITE HIGH PERFORMANCE



Space

Design, manufacturing, testing and integration of Mechanical and Thermal hardware.

Portuguese leader company, FHP (Frezite High Performance) provides thermal insulation, mechanical components in metal and composite materials and MGSEs. FHP has a multidisciplinary research and developed engineering team with expertise in aerospace, mechanical, materials and electrotechnology, which assures all activities of laboratory, pilot and industrial scale development. The company offers mechanical design, structural and thermal analysis, manufacturing, assembly and test for instruments, satellites and launcher sections and integrate several types of composite structures, such as struts, electronic boxes and pressure vessels, by filament winding process. With perfect combination of resources and based on its own highly modern ISO 5 cleanroom featured with bake-out chamber, FHP makes each project a tailoring activity.

Reference



ESA

Clients

Projects

Products



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FIBRENAMICS

Institute for Innovation in Fiber and Composite Materials.

Fibrenamics operates in several sectors with an emphasis on architecture, construction, sport, medicine, protection, and transport.

Based on a multidisciplinary team, Fibrenamics believes in technical and scientific innovation as the main driver of business growth.

Fibrenamics is the result of this same innovation. With a disruptive idea and a lot of determination, a platform for the transfer of knowledge generated at the University of Minho was born in Portugal in 2011.

A disruptive beginning that is preserved until today and is currently recognized by the European Commission as an example of transferring scientific and technological knowledge in the field of advanced materials and nanotechnology to the various innovation stakeholders. With the same determination and confidence renewed daily by more than 300 international partner entities, it continues to challenge the limits in search of new solutions for society's challenges.



Aeronautic



Space



Defence



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 www.fibrenamics.com



FMT - TOOLING SYSTEMS



Aeronautic



Space



Defence

FREZITE – FERRAMENTAS DE CORTE, SA

Full-service tooling supplier

Frezite Group through FMT – Tooling Systems produces state of the art tools that assures the best performance and rentability. Specially skilled to fulfill the needs of different industries as: automotive, aeronautics, composites, moulding, etc.

FMT is a Centre of Research, Development & innovation specialized in offering several solutions for machining where each production solution is developed in relations to the customer's needs through an ongoing dialogue. The company develops and supply the aerospace industry with customized engineered solutions around the world, targeting an added-value and clear production advantages, supported by the latest technologies.

We think Aerospace!

Reference  Clients  Projects  Products

-  Airbus
-  Embraer
-  Lockheed Martin
-  Customized engineered cutting tools to work with the Space Rocket Ariane 5



Contacts

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FOCO AERONAUTICAL



Aeronautic

Design (aircraft decal and signs); Industrial print.

FOCO Aeronautical Services is an industrial print company, specialized in the production and application of an extensive range of interior and exterior aircraft liveries, placards, mandatory markings and decoration of airport spaces, vehicles and 3M Aerospace products supplier.

We have achieved accreditation to ISO9001 which assures our commitment to customer satisfaction. All the exterior and interior materials we use are made from trusted and aerospace-approved, compliant with FAA and EASA regulations. All items are supplied with a relevant Certificate of Conformity, and have passed independent burn tests. We can do your engineering research, let us know what specifications you have to meet and we will find the correct material for your demand.

Reference  Clients  Projects  Products

-  Eurowings
-  Privatjet Albert Ballin



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GEOSAT

Geoinformation, Earth Observation and Small Satellites



Defence



Space



Contacts

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GMV

Turn-key integrator; Integrated Modular Avionics; Critical Software for aircraft and helicopters; Development of flight control and flight simulators.

GMV is a consultancy, engineering, software development and turn-key systems integrator for the aerospace and defence sectors. The GMV's Centre of Excellence for Integrated Modular Avionics (IMA) targets innovative avionics systems and was awarded a Clean Sky project worth 1.8 M€, in consortia with Zodiac, Dassault and Airbus. GMV works with Airbus DS since 90's and integrates many aeronautical programmes:

- Critical software development: Key role in A330-MRTT and A330-FSTA projects, certification of A400M Audio Management System, on-board software for Tiger and NH-90 helicopters.
- Flight Simulators: Software development for Eurofighter, CN-235, C-295, A400M and A330 MRTT/FSTA simulators, ranging from full flight simulators, part task trainers or desktop trainers.
- Systems and Equipment: Partner in UAV ATLANTE for Flight Control Computer and Automatic Take-off and Landing system.
- Flight Physics: Airbus DS partners for engineering services in flight physics.



Aeronautic



Space



Defence

Reference Clients Projects Products

- Airbus
- Embraer
- Zodiac



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GRUPO AMPER



Defence

Leader in technology and engineering for the Aerospace, Defense, Communications and Energy sectors.

Amper, with over 65 years of experience, 35 of which are listed on the stock exchange, is a leader in technology and engineering for the Aerospace, Defense, Communications, and Energy sectors. It promotes an innovative, agile, and flexible industry, focusing on the development and protection of strategic defense and security capabilities.

As a leader in energy management for critical, fixed, and deployable infrastructures, its systems ensure the supply of electricity and contribute to the goal of net-zero emissions through smart grid management and the hybridization of renewable energy sources.

Specializing in advanced communication solutions, it offers cutting-edge products and services in radiocommunications, high-capacity networks, and signal intelligence.

In the aerospace sector, Amper has established itself in

aeronautical communication systems and support for the operation of unmanned military aircraft. The Eurofighter carries onboard energy management avionics developed by Amper according to the most demanding standards for critical systems.

Innovation is a key characteristic of Amper, which has been actively investing in the digitization of its technologies and focusing on Artificial Intelligence and IoT systems.

Amper positions itself as a global player, committed to security and sustainable development.



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HYPERMETAL



Space

Metal Additive Manufacturing.

Hypermetal is a company specialized in additive metal fabrication - 3D printing of metal parts. With state-of-the-art equipment and a specialised team, each project is carefully monitored, supporting the client in optimising models for production, ensuring strict document control, fast delivery times, in-house post-processing capacity (CNC and heat treatments) and quality control. It has the capacity to execute projects complying with ISO9001, ISO9100 and NADCAP specifications.



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IBERMICRA

Engineering and Manufacturing of special moulds for the Aerospace Industry. High Precision Machining (Special Materials / Super Alloys). Tooling for Composite parts.

Headquartered in Batalha, Portugal, IBERMICRA is a technology firm specializing in design and manufacturing of special tooling and high-precision machining.

Backed by a team of seasoned professionals with extensive knowledge of the metalworking industry and equipped with some of the finest machinery, we deliver tailored solutions to our clients across the Aeronautics and Aerospace, Defense, Medical and Healthcare and Automotive industries. Scope of our services are:

- 1.Engineering and Manufacturing of special moulds for the Aerospace Industry: RTM and Lay-Up.
- 2.High Precision Machining (Special Materials / Super Alloys)
- 3.Tooling for Composite parts



Aeronautic

Our vision is to be a reputable company admired for discipline and absolute precision of its products and highest efficiency of its services. We create synergy and motivation among our people and partners thriving to be at their best performance every day, making them and our customers “proud”.



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IBEROMOLDES

Engineering services; Moulds and Tools.

The constant customer focus, innovation and continuous improvement philosophy has prompted the IBEROMOLDES Group to establish in 1989 the SETsa company, whose motto is «from art to part». We are equipped with state-of-the-art technology, skilled and specialized employees.

Our Customer profile includes many of the largest players acting in very demanding industries – automotive, aerospace, motorbike, medical devices, electronics, telecommunications, houseware and packaging.



Aeronautic



Space



Defence



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IDMEC

Institute of Mechanical Engineering



Aeronautic



Space



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IFA-TRAINING

**Approved Training Organization (ATO)
under the regulation of European Aviation
Safety Agency (EASA).**



Aeronautic



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IFA-Training is part of a Civil Aviation Sector business group, consisting of an air carrier (Lease-Fly), an aircraft maintenance and training organization (IFA-Industries) and other support units. The main focus of IFA-Training is the “Aviation Training” and “Airline Training” business, educating Civil Aviation Pilots and Other Professionals of the Commercial Aviation segment.

Our portfolio includes several courses and programs, either “Ab Initio” or “Recurrent” Training. It has facilities in Cascais, Tires, Portugal and Viseu, Portugal that include administrative and commercial spaces, classrooms, hangars and flight simulating training facilities.

IFA began its activity in 1999, in the area of pilot “Type Rating” for Boeing and Airbus aircraft and recurrent airline training as well. Later on, it expanded the range of services to “Ab Initio” Training for pilots and other Civil Aviation Professionals. In the maintenance area the IFA Group, through IFA-Industries, has an MRO (EASA Part 145, Maintenance, Repair & Overhaul”) and an MTO (EASA Part 147 - “Maintenance Training Organization”).



IMAGINARY CLOUD

Software Development for Digital Acceleration

Imaginary Cloud: Software Development for Digital Acceleration.

We design technology that is built to scale. Our proprietary development processes guarantee reliable, user-centered solutions that drive seamless digital transformation for Enterprise and Scale-up companies. That is what we call seamless technology.

We have helped many customers achieve growth such as Nokia, Thermo-Fisher, and BNP Paribas. Over the last 13 years, with more than 300 projects developed, we have gathered several awards such as Financial Times 1000: Europe's Fastest Growing Companies 2023 & 2024, Top 100 Fastest Growing Companies, Top 1000 Global Companies in 2020 & 2021, UK Top B2B Company in 2021 & 2022, and Europe Best Workplace® 2022.



Space



Defence



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INCOME F

Metalworking, Automaton, Robotics and Artificial Vision.

INCOME F Engineering has Research and Development Services, 2D / 3D Design, Automation and Robotics, Artificial Vision and also Engineering Solutions tailored for different sectors of activity, namely Aeronautics, and with an ISO 9001:2015 certification.

At INCOME F Engineering you will find highly qualified employees committed to a quality management system and to customer satisfaction. INCOME F Engineering intends to be a reference in the market, satisfying the requirements of interested parties, following the following principles:

- Innovation, development and quality of its products;
- Customer acquisition, satisfaction and loyalty;
- Investing in human resources and continuous training of the employees;
- Increased process efficiency and progressive organization success.

For the development of its activity INCOME F Engineering has more than 2500m2 of manufacturing covered area and 500m2 for office staff departments, mostly engineering services.



Aeronautics



Defence



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INDRA

Military platforms; Defence systems; Security; Cyberdefence; Training solutions and services; Logistics and maintenance.

Indra: a Global technology company. With over 40.000 professionals, operations in 140 countries, Indra offers high value-added proprietary solutions and advanced services. Indra has +200 agreements with research centers and universities and presents R&D&i 5%-8% of revenues.

Envisioning a safer tomorrow, a permanent focus on innovation is embedded in Indra's values:

- Focus - Solutions on Defence and Security with investment on R&D;
- Flexibility - Cutting-edge technology and integration with third-party systems;
- Reliability - Military standards and worldwide references;
- Leadership - Experience in Defence since 1921, owning highest level specialized facilities.



Aeronautic



Space



Defence

Reference  Clients  Projects  Products

-  MoDS, Armys and Security Authorities
-  Key industrial partner in the most important European programs (A400M, Eurofighter)
-  ARMS Anti Drone Multisensor System
-  Battlefield Target Identification Device (BTID)
-  LRR Long Range Radar NATO FADR (Class I)
-  LTR-25 Long Range Tactical Radar NATO DADR (Class II)



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INEGI

R&T for Mechanical and Industrial Engineering.

INEGI is an industry-oriented Research and Technology Organization, considered one of the most effective RTOs in transforming R&D investment in economic and social value. About 50% of its total turnover of 11.1 million Eur comes from R&D and innovation projects funded by the industry.

INEGI's activity covers the areas of advanced production processes, experimental mechanics, applied mechanics, new materials and energy, and is based on a broad set of well-equipped laboratories and engineering tools to support its R&D&i activity as well as the production of industrial and commercial prototypes.



Aeronautic



Space



Defence

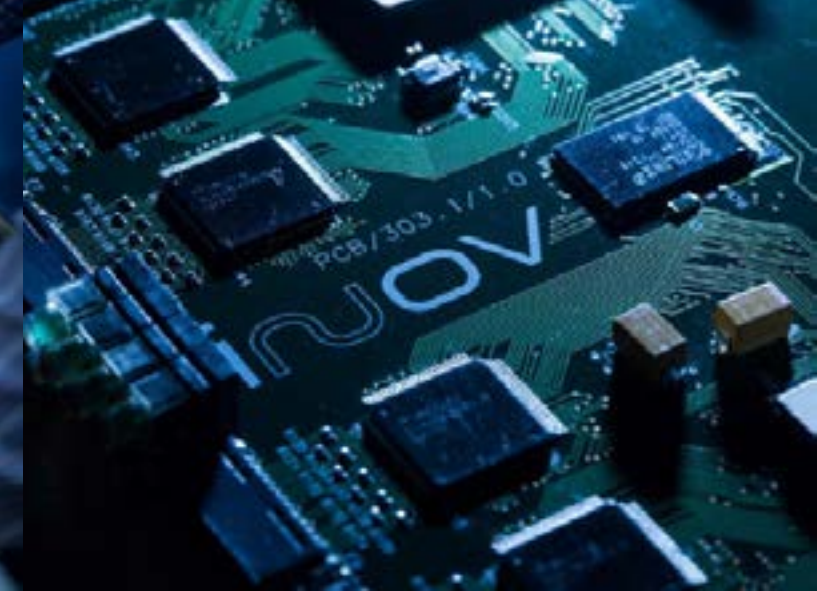
Reference  Clients  Projects  Products

-  "Newface", future aircraft configurations for eco-efficiency



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INESC TEC

Computer Science, Industry and Innovation, Networked Intelligent Systems, and Power and Energy.

INESC TEC is a private non-profit research institution, dedicated to scientific research and technological development, technology transfer, advanced consulting and training, and pre-incubation of new technology-based companies. As an institution operating at the interface of the academic and business worlds, bringing closer together academia, companies, public administration, and society, INESC TEC typically applies the knowledge and results generated as part of its research in technology transfer projects, seeking value creation and immediate social relevance. The mission of INESC TEC is to achieve advancement in science and technology and to enable science-based innovation through the transfer of new knowledge and technologies to industry, services and public administration



Aeronautic



Space



Defence

Reference  Clients  Projects  Products

 AIRBUS

 EMBRAER

 THALES Alenia Space

 DAPHNE (FP7)

 BLUECOM+ (EEA Grants)

 ICARUS (H2020)

 MARINEYE (EEA Grants)

 FASTEN (H2020)

 BYRDONE

 EVA

 TURTLE



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INOV

R&D in ICT and Electronics for Cybersecurity and Communications Networks; Intelligent Systems and Enterprise Systems; Cyber-Physical Systems and Remote Monitoring.

INOV is a technology interface centre working to bridge the gap between academic research and market needs, by transforming knowledge in technology with value in the innovation chain. With +18 years of activity, INOV has developed expertise in the areas of Cybersecurity and Communications Networks, Intelligent Systems and Enterprise Systems, Cyber-Physical Systems and Remote Monitoring. As a technical partner, INOV aims to assist organisations improving their competitiveness levels through the development and implementation of innovative technological solutions. INOV integrates and fosters relations between research and technological development engaging in strategic partnerships to deliver high-value solutions. INOV participates in several European and national R&D projects in its areas of expertise and promotes a culture of knowledge offering services in technological development and specialised consulting and auditing.



Defence

Reference  Clients  Projects  Products

 MARISA - Maritime Integrated Surveillance Awareness

 ALFA - Advanced Low Flying Aircrafts Detection and Tracking

 AIRBEAM - Airborne information for Emergency situation Awareness and Monitoring

 TRILLION - Trusted, Citizen - LEA collaboration over social Networks

 PERSONA - Privacy, ethical, regulatory and social no-gate crossing point solutions acceptance

 ASGARD - Analysis System for Gathered Raw Data



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IPL - CDRSP

R&D for bio- and multi-scale technologies, advanced materials and sustainable manufacturing

The Centre for Rapid and Sustainable Product Development (CDRSP) is a research center hosted by the Polytechnic Institute of Leiria (IPLeiria).

CDRSP aims to contribute to the advanced of science and technology leading to more suitable, effective and efficient products, materials and processes, this way generating added value for the industry and promoting awareness in society of the role and importance of rapid and sustainable product development. To fulfill this mission, the center carries out scientific and technological research, providing consulting, training and research services in the strategic areas of rapid and sustainable product development.



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Space



Defence



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IPN

R&D, Tech-based Business Incubation & Acceleration

Created in 1991 through a University of Coimbra initiative, Instituto Pedro Nunes (IPN) is a private non-profit organisation which promotes innovation and the transfer of technology, establishing the connection between the scientific and technological environment and the production sector.

To leverage a strong university - enterprise relationship for the promotion of innovation, rigor, quality and entrepreneurship in private and public sector organisations by acting in three complementary areas:

- Research and technological development, consultancy and specialised services;
- Incubation and acceleration of businesses and ideas;
- Highly specialised training and promotion of science and technology.



Aeronautic



Space



Defence



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IPS

Higher Education Institute.

Polytechnic Institute of Setúbal (IPS) is a higher education institution, focused on promoting an entrepreneurial and research culture. In terms of aeronautics, IPS focus is related with production engineering, with several study programs.



Aeronautic



Defence



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ISEC LISBOA

Higher Education Institute.

The Institute for Education and Sciences (ISEC), in Lisbon, was created in 1990, initially for higher education in Education, having evolved into several areas of science and technology, namely graphic arts, design and multimedia, environment, security, civil protection, hotel and tourism management, engineering and aeronautics.

The cycles of studies in aeronautics began in 2004 with a degree in aeronautical sciences. Later, other areas of teaching and research were opened in this area, namely a degree in aeronautical management, a master's degree in air transport operations, a professional higher course in aircraft repair and maintenance and several postgraduate courses in the areas of science and management. aeronautical.

It has several protocols with entities of the Industry and Aviation Administration in Portugal, in Portuguese-speaking countries and with foreign and international entities in this area and carries out applied scientific research and various initiatives with the Industry and the Academy in the Civil Aviation sector.



Aeronautic



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ISQ

Engineering, Testing, Technical Inspections and Research and Development.

R&D, training and technically differentiated service activities are the three aspects that allow ISQ to play a mediating role between market needs and technology.

The ISQ is today a technological infrastructure of importance, which unfolds its activity through several areas of activities namely industrial inspection and testing, Materials and their behavior, Maintenance and Structural Integrity, Non Destructive Testing, Environment and Safety, Energy Efficiency, Metrology, Industrial Organization and Automation, Quality and Training.

The ISQ has 21 laboratories accredited by DIN EN ISO 17025: 2005, as a basis of support to all the previously mentioned activities.



Aeronautic



Space



Defence

Reference  Clients  Projects  Products

 AgustaWestland

 EADS-Airbus

 EMBRAER

 OGMA

 Thales

 Safran

 ISQ-Kourou - operating at the European Space Centre in French Guiana

 PASSARO - Capabilities for Innovative Structural and Functional Testing of Aerostructures

 AIRMES - Airline Maintenance Operations implementation of an E2E Maintenance Service Architecture and its enablers



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ISR (IST)

Institute for Systems and Robotics. From theory to application of engineering solutions in complex systems

ISR-Lisbon is an RD&I institution, affiliated with Instituto Superior Técnico (IST) where advanced and multidisciplinary research activities are carried out, in the areas of Robotic Systems and Information Processing.

Within ISR research domains are: Systems and Control Theory; Robotics; Signal Processing; Computer Vision; Optimization; AI and Intelligent Systems; Biomedical Engineering.

Since 1996 ISR|Lisboa has been evaluated on a regular basis as “Excellent”, by international review panels appointed by the Portuguese Science Foundation.



Space



Defence

Reference  Clients  Projects  Products

 MarineUAS

 DURABLE

 ELEVAR

 FIREFRONT

 DECENTER

 AI4EU



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IT

Research and Development in the field of Telecommunications.

IT (Institute for Telecommunications) is a private, non-profit, association of 6 Portuguese universities - Instituto Superior Técnico (IST); Universidade de Aveiro (UA); Universidade de Coimbra (UC); Universidade da Beira Interior (UBI); Universidade do Porto (UP) and Instituto Universitário de Lisboa (ISCTE-IUL); 1 polytechnic school - Instituto Politécnico de Leiria (IPL); 1 public telecom operator - Altice Labs; and 1 telecom equipment manufacturer - Nokia Solutions and Networks.

IT was established in 1992 with a mission to create and share scientific knowledge in telecommunications at world level and to host and tutor graduate and post-graduate students. IT hosts more than 300 (PhD holding) researchers, 7 of which are Fellows of IEEE, and 3 Fellows of the IET, 200 PhD Students and 200 MSc students.

The main activity of IT is pre-competitive research, providing innovative products and services for industrial companies and operators. IT also plays an important societal role by transferring knowledge and technology to national and international industry and by promoting or participating in science awareness initiatives.



Aeronautic



Space



Defence

IT expertise spans all areas of telecommunications including wireless and optical communications, networks and multimedia and enabling sciences and technologies from applied mathematics and quantum information, to electronics including organic electronics to instrumentation and measurements.



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KIT-AR

Advanced AR System for Smart Manufacturing.

Several studies show that poor quality costs in the production line (eg. errors and waste) represent losses between 5% to 40% of the turnover of industrial companies. This problem is amplified by the lack of digital skills among shop floor workers, slow digital transformation plans and the continued growth of complexity in each operation.

Founded in 2018, KIT-AR aims to reduce or even eliminate this problem. To do this, it empowers shop floor workers with a set of lean manufacturing tools:

- KIT BUILD digitizes production processes and quality control requirements, allowing the creation of customized instructions;
- KIT ASSIST allows step-by-step visualization of instructions in augmented reality;
- KIT SMART performs automatic quality controls at specific times in the process;
- KIT INSIGHT obtains data on all production processes and produces knowledge aimed at their continuous improvement.



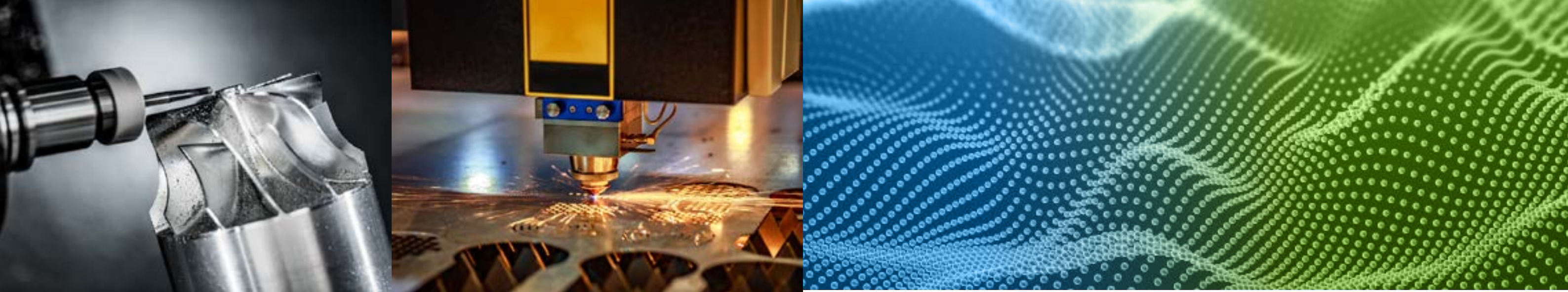
Aeronautic

The result is a system designed to continuously improve the quality of your industrial production, with benefits such as reduced TAKT time, increased up-time, reduced waste and traceability, more efficient line-balancing, reduced non-value time and acceleration of the digital transformation in the company, among others.



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KRISTALTEK

Precision Machining by Milling and Turning for the aerospace and defense industries

From ordering and receipt of raw material, programming, machining (aluminum, steel, titanium, polymers), quality control to packaging the product with its technical and quality documentations, Kristaltek is increasingly offering diversified solutions for aeronautical, defence, medical and special machines industries. Our permanent investment in systems and processes, together with the training and development of our collaborators competences, assures solid bases for the future of our company and to the one that is our main objective: meet or surpass our customers expectations.

Together with strict standards and professionalism our technical team has the necessary experience to carry out each one of the production phases, from technical drawing and programming, prototyping and pre-series milling untill serial production phase. Owning modern installations endowed with up-to-date technology and competences we are certain we can offer the best service.



Aeronautic

Reference  **Clients**  **Projects**  **Products**

-  TYCO Eletrronics
-  ZODIAC
-  SAFRAN
-  Grupo FN HERSTAL
-  FHP
-  A320 / A350
-  Satellites components
-  Armament components
-  EN9100 e ISO9001 Certification



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LAROCHE

Engineering, Manufacturing and Services



Aeronautic



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LAUAK



Aeronautic

Sheet metal working; Mechanical engineering; Assembly of structures; Surface treatment; Painting.

Founded in 2002, Lauak Portugal is a company of the Groupe Lauak. The new factory in Portugal, with a site of 30.000 sqft – 110.000 sqft from the beginning of 2009, has the capacity to carry out in-house total service: study and manufacture of tools, parts of sheet-metal works and mechanics, NDT, TTS, painting, assembly, controls and tests for the Aeronautical industry.

Our values forge our identity and capture the ethos of the LAUAK Group to inspire our customers and employees. These values have been set from the beginning by the founder of the company, Jean-Marc Charritton, and are shared by his son, Mikel Charritton.

They underpin the solid relationships that LAUAK Group has established with its business partners, its employees and the society.



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LEITEK



Aeronautic

Innovative Solutions for a World in Transformation. Edge computing for early fire detection, either by air or land-based systems.

LEITEK Innovative Solutions is a young hightech company that meets the innovation needs of its customers by providing and implementing complex, state-of-the-art solutions in the areas of early detection and simulation of forest fires, unmanned aircraft, security, and mapping services with unmanned aircraft.

LEITEK develops its activity in the commercialization of products, in the development and supply of key-in-hand solutions in activity sectors with high growth potential, combined with the business opportunities provided by the world's accelerated digital transformation and technological advancement. As an Operator of Unmanned Aerial Vehicle Systems (UAS), another area of high relevance in LEITEK's activity is in the provision of aerial survey services by drone with a focus on mapping and post processing of data captured by drone with advanced analytics.

In all areas of activity we make extensive use of Artificial Intelligence and Machine Learning, both in the systems we sell and in the systems that are products of our own development (e.g. Dronesavior and ScanCrowd systems)



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LUSOSPACE

High-tech Engineering (Space Hardware and Augmented Reality expertise).

With a team of multidisciplinary top-level engineers covering electronics, mechanics, optical systems and software development, Lusospace is able to concept, design, develop, prototype, test and integrate the most advanced and innovative technological systems and components for complex problems.

In activity since 2002, Space Sector and Highly Critical Systems were the main focus of our activities, with Space Hardware delivered for 30+ missions, 300+ months of accumulated Space fly time and a zero fail record. Our skills cover AOCS, Optoelectronics and Optical Communications, Electronics, Mechanical, Embedded Software and Augmented Reality Systems for Space and other Industries. The use of proven and reliable methodologies, strict quality procedures, and a qualified and motivated team, allows us to assure the best results in our projects.

Lusospace is IS9001 certified since 2008. We also follow the ECSS standards and we hold certification for SMT soldering for space applications.



Space

Reference Clients Projects Products

- ESA
- Airbus
- Thales Alenia Space
- OHB
- Magnetometers
- Airbus - Sentinel 5 OGSE
- ESA - Augmented Reality for Satellite Assembly
- ESA – High Power Laser EM for Lisa Mission
- Airbus - Large coil system for demagnetization for Juice Mission
- ThalesAleniaspace – Optel µ Laser Head
- ESA – Demisable Magnetorquer Development
- ESA/ Astrium - Gaia PLM Focal Plane Array Test OGSE



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MDS

Multinational Group specialising in insurance/reinsurance broking and risk consultancy.

MDS is a multinational Group specialising in insurance/ reinsurance broking and risk consultancy. It has a presence in over 100 countries, is the market leader in Portugal, one of the largest players in Brazil and manages offices in Angola, Mozambique, Spain, the UK, Malta and Switzerland. Through Brokerslink - a company it founded in 2004 that now supports a global broker network of 18,000 insurance professionals - MDS can meet customers' needs whatever their sector and region. The Group includes MDS RE, a company specializing in reinsurance and serving customers in Europe, America and Africa, and the Risk Consulting Group (RCG) - a leading risk analysis, loss control, business continuity and enterprise risk management consultancy firm. Through HighDome, a Protected Cell Company (PCC), MDS offers alternative risk transfer solutions traditionally not provided by the insurance market. MDS also offers benefits management and flexible benefit solutions, through its companies 838 Soluções (Brazil) and Flexben (Portugal).



Aeronautic



Space



Defence



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MECACHROME



Aeronautic

Specialist in precision machining of hard materials.

Based in France, Mecachrome is a Tier 1 integrator and a major player in aerospace, automotive, motor sports, defence and energy sectors. Mecachrome designs and makes high value-added parts, systems and structural assemblies and among our main competencies are also: machining & assembling of engine parts, hard metalwelding, sheet metal and surface treatment.

Thanks to its strong assets – expertise, efficiency, competitiveness, responsiveness -, Mecachrome has become a worldwide leader in the sector of precision mechanics. Its highly qualified employees, ultra-efficient equipment, and a global production area of more than 185 000 m² allow Mecachrome to develop value-added solutions for its customers.

Located in Europe, North America and North Africa on 14 production sites, Mecachrome reported revenues of 405 million euros in 2017 and employs more than 3.000 people in the world.

Reference Clients Projects Products

- Major clients in Evora: Safran Aircraft Engines, Airbus, Rolls-Royce, Mecachrome France
- Cryogenic machining
- Cobot deburring & logistic
- Aero-engines & Structural parts (fan, turbine, wings, pylon, etc.)
- 4.0 Industry with paperless technology



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MEDITOR DAS



Defence

ILS Data, S1000D Conversion, Technical Documentation, Reliability | Automatic Test Equipments

Meditor DAS offers tailored solutions and technical engineering services focused on Reliability, ILS, and Technical Documentation. Our company supports the Naval, Aeronautic, and Military sectors by providing services like Integrated Logistic Support Data, Technical Documentation, and Automatic Test Equipments.

The DAS' ILS data service aims to collect, process, and ensure the quality of all information required for the Logistics Support Analysis, ensuring that the project's ILS achieves the desired levels of efficiency and effectiveness throughout its entire life cycle.

In addition to ILS Data and Technical Documentation services, Meditor DAS also offers Consulting and Support for S1000D Conversion services, ranging from Creation and Conversion to Sustainment.



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MESA

MRO Line & Base Solutions for Civil



Aeronautic

Mesa is an aircraft line/base maintenance provider, EASA Part-145 Maintenance Organization with more than 20 years of experience, oriented to perform worldwide maintenance services on AIRBUS A320 family, AIRBUS A330, AIRBUS A340, Airbus A380 and BOMBARDIER CL-600-2B16.

Mesa's main facilities are located at Lisbon International Airport and Beja Airport. The Company has several Maintenance Stations around the world all aimed to temporarily support the Customer's need for line/base Maintenance Services at a specific place.

Mesa has a flexible organization, technical staff duly trained, and it's prepared to perform works 24/24, 7 days a week, 365 days a year, in accordance with the customer needs, with Quality and Safety as permanent objectives.



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MOTOFIL AERONAUTICS SYSTEMS



Aeronautic



Defence

Tooling, Machining and Assembly

Motofil Aeronautica is the largest independent aerospace tooling group provider in Portugal. We are one of the foremost suppliers building composites tooling and jigs for the aircraft structures, in the aerospace industry.

Our strategy, aligned to the Aerostructures & Composites, is to reach goals with our dedicated industry professionals and state-of-the-art facilities across the Europe and overseas in a recent future.

Currently, Motofil modified 17 production lines in Embraer. We have the know how and the coordination to intervene correctly. Mofoil has 30 especialized assembly technicians and counts with a very good team on laser track.

Reference  **Clients**  **Projects**  **Products**

-  Alestis
-  Embraer
-  Latecoere
-  OGMA



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MUNICIPALITY OF CASTELO BRANCO

Local Government.



Aeronautic



Space



Defence



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MUNICIPALITY OF ÉVORA

Local Government.



Aeronautic



Space



Defence



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MUNICIPALITY OF OEIRAS



Aeronautic



Space



Defence

Local Government.

Statement from Isaltino Morais, Mayor of Oeiras:
When, at the end of 2017, I took office as Mayor of Oeiras, one of the goals I committed to was to bring a new development cycle to Oeiras. The official launch of the Oeiras Valley project is a historic step towards the realization of this mission that we set out to do. Oeiras is now the home that houses many technology-based companies, headquartered all over the county and, particularly, in the Taguspark, Quinta da Fonte, Lagoas Park business parks, among others. We are the headquarters of research and development laboratories. We have excellent infrastructures, where the different business, scientific and technological parks in the municipality stand out. But we want more. We want to go further. We want to create conditions to make Oeiras the biggest hotbed of innovation, creativity and technology in Portugal. We want Oeiras, like Silicon Valley, to be a pole of attraction for the best talent, the best ideas and the best technology. To this end, we will continue to invest in creating

conditions and incentives to put Oeiras on the international business map and reinforce its position as an exporting municipality. In this sense, we expect to invest close to 400 million euros by 2026 in boosting economic activity, education, housing, the environment and territorial intelligence. We will continue to invest in the axes that position our municipality as one of the main drivers of economic, social and human development in the Lisbon Metropolitan Area and in the country.



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MUNICIPALITY OF PONTE DE SOR

Local Government. Cluster of excellence for the Aeronautics and Aerospace sectors.

Ponte de Sor municipality is pursuing a regional development strategy for the aerospace industry, assuring comprehensive political and financial support, through the creation of wide and deep networks for commercial relations and knowledge transfer, in a strong international context.

AERODROME - LPSO A well-equipped infrastructure, with a new flight information tower and business Center. RUNWAY 1800 m x 30 m; TORA / TODA / ASDA LDA = 1800 m AUTHORIZED TRAFFIC - VFR (Visual Flight Rules) flights, night and daytime; IFR (Instrument Flight Rules) flights ILS / DME in VMC conditions; AFIS (Aerodrome Flight Information Service); Airspace Classification: G (uncontrolled); Runway Rating: 57/F/B/X/T; Project Aircraft: Beriev BE-200ES; Other aircraft accredited to operate on the runway: Airbus A320 / Boeing 737. BUSINESS CENTER Incubator for aerospace start-ups in Ponte de Sor; Composite Industries Center; Additional facilities: auditorium, meeting rooms and training rooms; Tower with flight information services



Aeronautic



Space



Defence

and common aerodrome facilities; Parking aprons for civilian and Civil Protection aircraft; +700 Parking Spaces. ACTIVITIES Pilot training academies; Maintenance of large aircraft; Maintenance of light aircraft; Aviation component maintenance; Production of oxygen masks for pressurized aviation; Production of unmanned aircraft (drones); Training for aeronautical maintenance technicians; ANEPC - National Authority for Emergency and Civil Protection - Headquarters for Rescue Operations, Search and Rescue, and Firefighting.

Reference Clients Projects Products

-  Aerospace Hot Spot
-  Portugal Air Summit



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MUNICIPALITY OF SEIA



Aeronautic



Space



Defence

Local Government.



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NAV PORTUGAL



Aeronautic

Software Expertise, Industry 4.0,
Digital Transformation.

NAV Portugal is the provider of air navigation services in the airspace under the responsibility of Portugal, which is divided into two regions: the Lisbon Flight Information Region (RIV), with 671,000 km², covering mainland Portugal and the Madeira Archipelago. ; and the Santa Maria Flight Information Region, covering 5.18 million km², which includes a vast area of the North Atlantic Ocean and the Azores Archipelago.

NAV has a team of around 960 highly qualified technicians who ensure the safety of passengers and aircraft 24 hours a day, 365 days a year.

NAV Portugal's mission is to provide air traffic services in the aforementioned Flight Information Regions (RIV), in which it ensures compliance with applicable national and international regulations and the best safety conditions, optimizing airspace utilization capabilities and of airport infrastructure, improving the efficiency of services provided and promoting environmental sustainability.



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NAVAL ROCHA



Defence

Integrated services for Naval vessels.

Naval Rocha is a modern Yard backed by decades of experience in maintenance and repair work on all type of vessels.

Naval Rocha is strategically located in the heart of the Lisbon harbour, that has favourable climate all year around and it's an ideal location for vessels trading and passing through Atlantic, Mediterranean waters and West African coast.

We have a large range of servoces, which include:
Cleaning, painting and blasting (HP washing from 200 to 700 bar and Painting Airless up to two full);
Steelwork; Aluminum works; Mechanical and machining works; Boiler repairs; Piping; Tank Cleaning; Insulation; Carpentry; Electrical, electronics and automation repairs.



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NEXTEAM



Aeronautic



Space



Defence

Precision mechanics, machining technologies for cemented carbide



Contacts

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NOVACABLE

Manufacture and assembly of wiring harnesses.

Founded in September 2000, headquartered in Vila Nova de Paiva, **Novacable** has been developing its activity with a marked growth.

Specialized in high-tech cabling for the aeronautical, military and railway industries and for special machines and electrical and electronic equipment, **Novacable** has strategic partnerships with European companies (specially in France).

In order to improve its processes and improve the quality of its products and services, **Novacable** has been certified according to the NP EN ISO 9001 standard, since December 2005.

Our goal is to always exceed the expectations of our customers.



Defence



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OGMA

MRO; Manufacturing of aircraft components; Aircraft Engineering; Logistics Support.

Founded in 1918, OGMA – Indústria Aeronáutica de Portugal, S.A., has dedicated ever since to the maintenance of aircraft and aircraft engines, as well as to the manufacturing of aircraft components and to aircraft engineering and logistic support. OGMA currently holds a wide range of domestic and foreign customers, both civil and military, and is an authorized maintenance centre for Embraer, Lockheed Martin, and Rolls-Royce.

OGMA combines the accumulated know-how of more than 100 years as Maintenance provider and Aerostructures supplier, providing high quality and value added services and solutions. Within the MRO market, OGMA offers a complete portfolio of services for Commercial, Executive and Defense aviation.

As for the Aerostructures market, OGMA is nowadays a major supplier of integrated solutions to OEMs and first tier suppliers.



Aeronautic



Defence

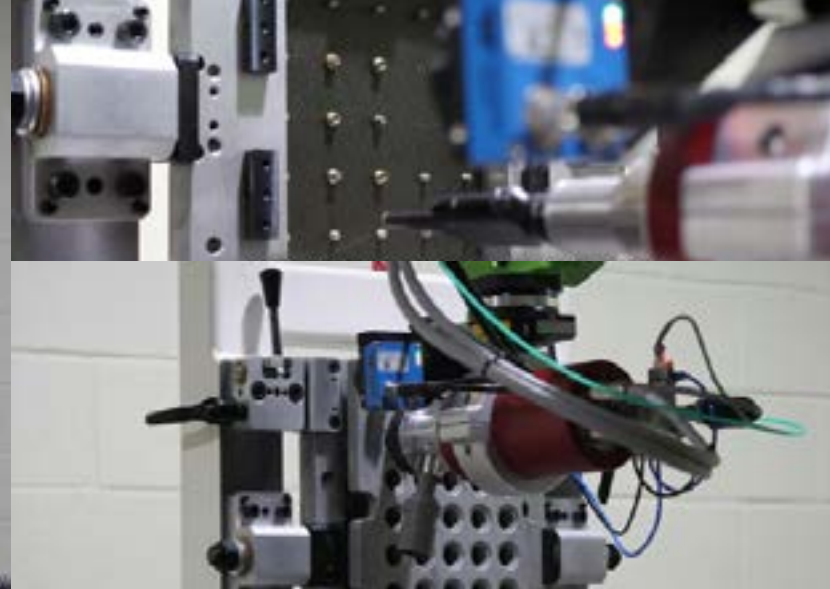
Reference  **Clients**  **Projects**  **Products**

-  Embraer
-  Lockheed Martin
-  Rolls-Royce
-  Dassault
-  Several foreign airforces



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OMICRON

Turn-key solutions within the Aviation Industry Project Management

Omicron Engenharia belongs to Group ITE and has 6 manufacturing & engineering sites in the Iberian Peninsula (3 in Portugal and 3 in Spain) and all are certified separately for both ISO 9001 and EN 9100.

What we do? Consulting, advising, coordinating and preparing industrial engineering projects applied to all technology branches, as well as collaboration in industrial technical research and coordination and technical direction, supervision and management of aeronautical and industrial engineering projects in general.

Omicron has also a proved experience in design, manufacturing and assembly, namely drilling templates for SETI-TEC one step machines, EF-2000 wing drilling templates and locating tools, slats adjusting and set-up tools EF2000 wing, master gages F5, and much more.



Aeronautic



Space



Defence

Reference Clients Projects Products

- Airbus
- Alestis
- Aciturri
- Embraer
- Altran
- OGMA



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OMNIDEA

Space Technologies and Energy Systems.

Omnidea is a R&D aerospace company, founded in 2003, with its main focus on space technologies. The company is part of the Omnidea Group composed by Omnidea (Portugal), Omnidea-RTG (Germany), Armilar (Portugal) and Pleione (Greece), all dedicated to the aerospace industry. We have a multidisciplinary team of highly qualified professionals with comprehensive engineering backgrounds, providing solutions to the challenges inherent to the aerospace industry, namely in the development of propulsion systems, airborne platforms and advanced manufacturing technologies.

Omnidea is building the necessary know-how and systems to create an European microlauncher and is also the propulsion system authority in the industrial consortium, for the first microsatellite for in-orbit national technology demonstration.



Space



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OPCO

Training, Consulting, Audit and Industry



Aeronautic



Space



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OPEN COSMOS



Space

OPEN COSMOS

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OPTILINK

Optical Cable Assembly.

Optilink provides solutions for all your needs, from fiber-optic cabling products and passive components to optical network design, implementation and maintenance services.

With its own in-house production and a deep understanding of customer and market needs, Optilink is the right partner for next-generation optical networks, with competencies in the: conception and production of fiber optic solutions for Communications Networks; provision of services of project; certification and maintenance of Telecommunications Networks.

Operating since 2007, Optilink began its internationalization process in 2014, and is already registering steady sales in France and Brazil.



Aeronautic



Defence

Reference Clients Projects Products

- | | |
|-----------------|-----------------------|
| Telcabo | Patchcords e pigtails |
| Axians | Breakouts cables |
| Altice Labs | Drop cables |
| Grupo PROEF | Trunks |
| R&M | Cabos FTTA |
| CME | CAD Design |
| Grupo Visabeira | |
| Grupo Telenco | |



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OPTIMAL

Engineering and Manufacturing of Composite Components.

OPTIMAL is focused on the Engineering, Tooling and Production of Composite Components. We offer our customers turn-key or build to print solutions across our capabilities.

Our Engineering and Tooling services are, mainly, for the automotive and aeronautic industries. As for the Production of Composite Components, besides these two key sectors, we also work in the industrial (in general) and consumer fields.

OPTIMAL has to major brands developing different but complementary services: OPTIMAL Structural Solutions and OPTIMAL Aerostructures.



Aeronautic



Space



Defence

Reference Clients Projects Products

- Major OEMs
- Tier 1 and 2 suppliers



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ORION TECHNIK



Aeronautic



Defence

Maintenance & Engineering.

Based in Lisbon, Portugal, Orion Technik is an EASA & EMAR 145 (PT.145.037) approved repair station specialized in Avionics, Instruments, Wheels and Brakes, Lighting, Antennas, Electronics, Galley, Electro-Mechanical, Hydraulic, Mechanical and Radar components for defense and commercial platforms.

With more than 29 years' experience managing global distribution programs, Orion Technik team works as your partner, providing innovative supply chain management solutions that will ensure the best value for money.

At Orion Technik we offer a suite of services tailored to our clients' requirements, through partnership with Orion Technik Global Services, Orion Aviation and with our in-house team of technicians and aerospace engineering expertise.

With a long experience and relationship with lead repair stations combined with our in-house repair capabilities, we can deliver a worldwide repair solution from Defense to Civil aviation on fixed and rotary wing aircraft.



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PSD AERO PORTUGAL



Aeronautic



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PIEP

R&D in technologies for the polymer engineering field.

The Centre for Innovation in Polymer Engineering (PIEP), as an interface institution of the University of Minho, is a private association, with a technological and scientific matrix and a business management model.

Established in 2000, close to the Polymer Engineering Department of the University of Minho, PIEP has people with relevant academic backgrounds and applied R&D experience in a wide range of polymer science and engineering domains. Its 3000 sq. meter facilities provide great capabilities for materials characterisation, thermoplastics processing, thermoset composite processing, and advanced computational tools for product and process engineering (production process simulation, thermal and mechanical performance analysis, and 3D development).

PIEP intends to provide a prompt response in the delivery of products and services oriented to the R&D+i needs of companies in the plastics and related sectors, through innovation activities, technology transfer, technical-scientific consultancy, and provision of services.



Aeronautic



Space



Defence



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PIXARTIDEA

Industrial and Product Design.

Pixartidea is oriented towards identifying opportunities, implementing a global approach and supported by the consumer experience. It intends to affirm Design as an integrated and leading tool in the innovation process. It has over 30 R&D projects in different areas and sectors of activity, namely in Defence, Space and Mobility.

We have developed a set of works in the area of product development in the areas of “Experience Space”, Biomimicry, Functional Design, Surface Design and Ergonomic, from the user’s perspective. Among the works carried out, are, for example, the development of personal protective equipment and a Biodegradable packaging for the Aeronautical Industry.

Pixartidea has a close and cooperative relationship with the Fibrenamics interface of the University of Minho, which is dedicated to the development of innovative products based on fibrous and composite materials, complementing the areas of engineering and materials science.



Space

Reference **Clients** **Projects** **Products**

- Portuguese Ministry of Defence
- Portuguese Ministry of Internal Administration
- Tuc Technology



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PROCUT

High Performance cutting solutions and Tool Management.

Procut is a Portuguese manufacturer and supplier of carbide cutting tools, specialized in Tailor made Precision Cutting Tools. Although being a young company, Procut has been standing out in many different areas of the metalworking and aeronautic industries. Guarantee along with a multidisciplinary team, the fulfilment of every stringent deadlines and always with assured quality and control. Due to its dedication, Procut has established strong bases of trust with their customers and suppliers, which will be an asset to its continuous and progressive development.

Procut offers powerful solutions, highly specialized competence, performance and tool managing, a smart cost reducer with a large range of intern solution for metalworking tools in all areas of machining: steel; aluminium; titanium; carbon fiber; composite.



Aeronautic



Space



Defence

Reference Clients Projects Products

Drill solutions, end mills, reamers, precision drill guiding, countersinkers



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QOE

Optimising Human Performance in Industries and complex systems.

Delivering human performance-based solutions to create a safer and more resilient world. The human element can be both the strongest and the weakest link in a complex system. It is the most flexible, adaptable and valuable part of the aviation system, however it is also the most vulnerable. QOE Associates encompass an array of expertise in Human Factors in order to optimise Human Performance in Industries and complex systems.

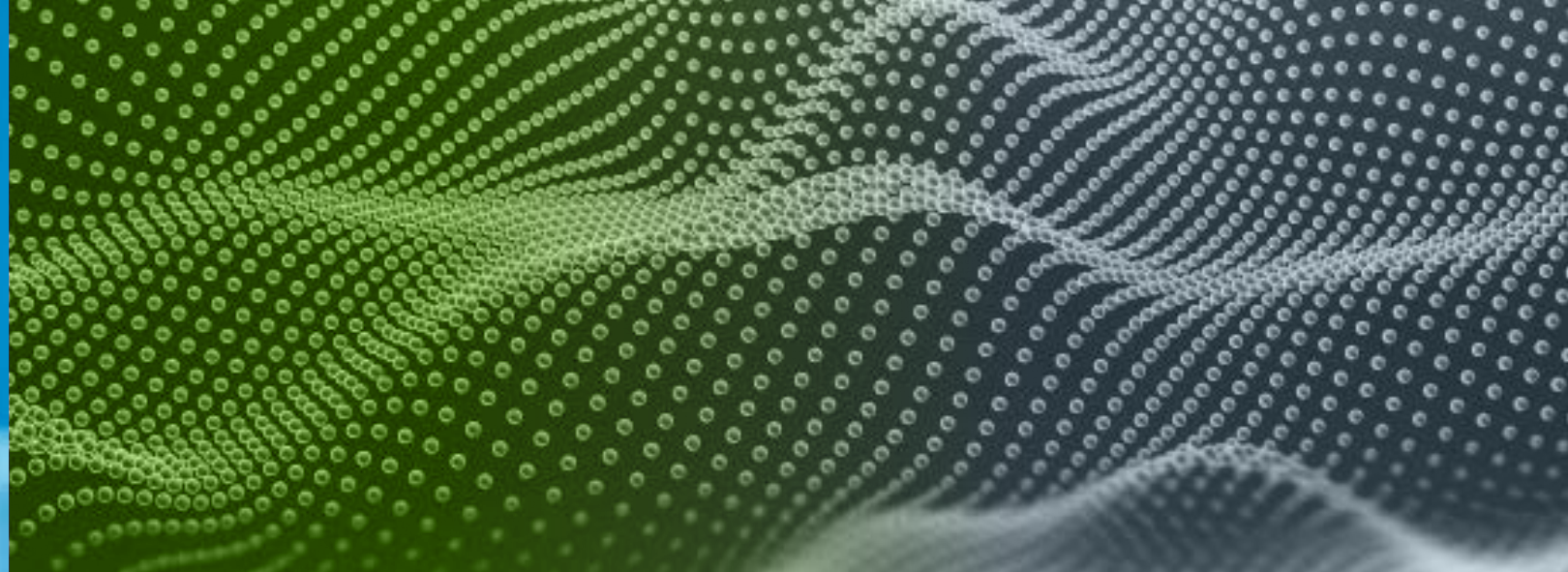


Aeronautic



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QSR

Consulting; Human Capital Management; R&D.

QSR is a strategy consulting firm providing high-end solutions within human capital for industries with high technological intensity. We help clients improve their performance and ensure a successful culture by aligning the organization and people with the business strategy across complex processes.

Our practices include: Consulting, Recruitment and Selection, Outplacement, Talent Management, Learning and Development, Internship Management, and Research and Development.

QSR has an Innovation Center for R&D, focused on human resources and skills incl. technology impact studies. Currently we are leaders of the Working Group Skills of EACP and have participated in numerous international projects within the Aerospace sector with major industry players.



Aeronautic



Space



Defence

Reference

 Clients

 Projects

 Products

-  PARE
-  KAAT
-  SKY 4.0
-  MATES
-  Learn&Fly
-  E4VALUE



Talent driven culture.

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RAEGE

Management of the space activities in Azores



Aeronautic



Space



Defence



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RDT

Innovating and developing high technology engineering solutions

- RDT is an industrial engineering and maintenance consulting firm, providing human capital for each project. The company originated in Bilbao, but now has offices throughout Spain, France, Denmark, the UK, Mexico, and most recently in Portugal, with over 1500 employees!
- We work with clients from various sectors such as Aerospace, Energy, Automotive, Oil & Gas, etc., boasting extensive experience in the Aerospace sector, ranging from engineering and development to specialized industrial maintenance. Some of our key clients in this sector include Airbus, ITP Aero, Aernnova, Rolls Royce, Safran, GMV, PCB, Aeromec, among others.



Aeronautic

RDT

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RICARDO & BARBOSA

Mechanical Mold and Tool Maker

Founded in 1978, Ricardo & Barbosa is one of the largest Portuguese references in the manufacture of high precision tools for the aeronautics, automotive, electronics, energy, oil and gas industries. With two production facilities (Portugal and Mexico), and permanent distribution in seven countries on three continents, we are currently present in over twenty six countries around the world. We have an in-house R&D department, which works closely with our customers to improve product and process, and we also have strong links to higher education institutions, having developed joint product innovation projects. We offer the same high quality standards in different locations by having quality certification in all our factories.

- (Mexico) Perry Johnson's Registrars, Inc: ISO 9001 certified.
- (Portugal) SGS: ISO 9001, ISO 14001: 2015 and AS 9100: 2016 certified.



Aeronautic



Space



Defence

Reference Clients Projects Products

-  Part 145 Maintenance Organization (Base and Line Maintenance)
-  Operates Dash 8 Q200 and Q400
-  Base maintenance for the Dash fleet
-  Lines maintenance for the Dash fleet and airbus A320 family
-  Battery, Wheel, Oxygen, Emergency Equipment shops
-  NDT Services
-  Tools Calibrations



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SATYS PORTUGAL

Blasting; Surface treatments; Sealing & Painting for aircraft; Liquid and Powder painting; Screen printing and marking; Fasteners setting up.

Satys is a French industrial and international group, present in 13 countries in Europe, North America, the Middle East, Asia and Africa. The group employs 2 600 people worldwide and has numerous certifications as well as a unique training center for painters in Toulouse.

Satys Portugal, as a Technical Supplier, offers both in its workshop (Ex situ) and in Customer plant (In situ) the following services: Blasting; Surface treatments; Sealing & Painting for aircraft; Liquid and Powder painting; Screen printing and marking; Fasteners setting up.

These services are intended mainly in Defence, Aeronautics and Space fields. Some other markets like nuclear, medical industry can be addressed.

The company was created in 2006, qualified EN 9100 in 2009 and Nadcap in 2011, Manufacturing capacity in order to develop this « Best Cost » Plant to European customers, mainly for Aeronautic and Defence but also for Portuguese Technical Industries.



Aeronautic



Space



Defence

Reference Clients Projects

 OGMA	 A350
 Safran	 A320
 Airbus	 Rafale
 Boeing	 Leap 1A, 1B, 1C
 Liebherr Aerospace	 F16
 Thales	 EPSILON
 Dassault Aviation	 PASEO
 MK82	 ASSM
	 NH90



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SLM



Aeronautic



Defence

Software Expertise, Industry 4.0 Digital Trnasformation.

The Schmidt Light Metal Group was founded in 1989, in Oliveira de Azeméis, Portugal and since then it has been supplying the Automotive Industry with lightweight aluminium components, produced through a high pressure die casting process, with a 360° solution and a commitment to high standards of R&D.

The Group is a relevant unit in the supply of technical parts by aluminium injection (light metal) with the added value of machining, when necessary.

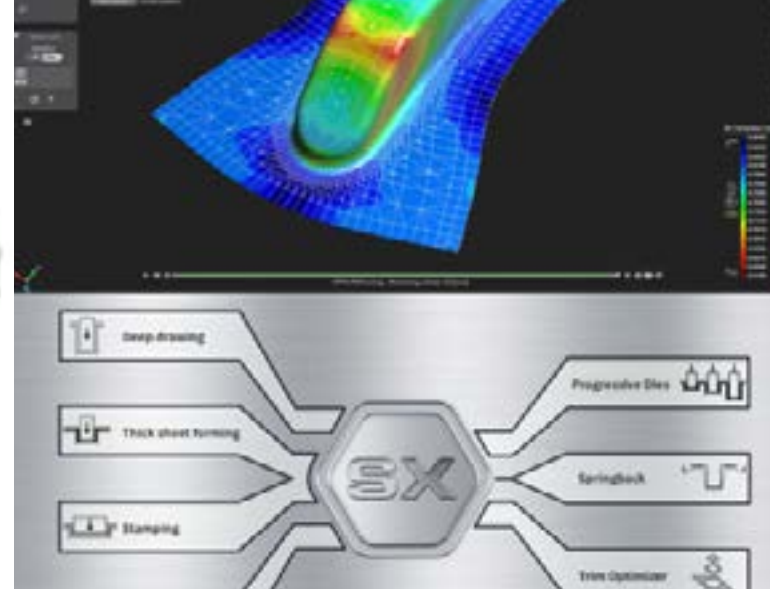
With ATC upstream of the foundry, SLM, and DMM downstream, the companies of the Schmidt Light Metal Group as a whole, offer a complete service to the end customer covering all stages of the value chain, with integrated solutions for the development and production of components, ready to be integrated into the different parts of a car.

R&D projects allow to develop skills that enable the Group to sell complex parts to the market but also aim at supplying other industries that require the same level of complexity and quality.



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SISTRADE – Software Consulting, S.A.

SINUTA FCE

Tailored progressive cutting and stamping.

Sinuta FCE focuses its activity on the production of progressive cutting and stamping dies tailored to each client's needs, meeting the most demanding market requirements, as well as assures the subcontracted production of metallic pieces. Our team is dedicated to provide our customers with a turnkey solution under a strict quality control and compliance with deadlines.

Mission:

Offer solutions for cutting and stamping tools according to the needs of our customers.

Vision:

To be a reference in the design and manufacture of cutting and stamping tools.

Values:

Competence, commitment, quality, honesty, transparency and teamwork.



Space



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SISTRADE

Software Expertise, Industry 4.0, Digital Transformation.

SISTRADE - Software Consulting, S.A. is a Portuguese company specialized in software development and consultancy services for different sectors of activity, namely for industry and services.

The company aims to provide IT solutions to organizations, based on the latest technologies, so that they can take advantage of innovative management solutions, allowing them not only good internal management, but also an increasing connection with partners through e-commerce and online collaboration tools.

Sistrade presents a diversified portfolio with advanced solutions in the areas of operations management, logistics, Product Lifecycle Management, maintenance, energy efficiency, acquisition, treatment and exploration of data in dynamic environments.



Aeronautic



Space



Defence



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SMARTENERGY

Driving force in the energy transition

We are a Swiss-based investment company dedicated to renewable energy. We identify, develop and deliver green energy assets. We are a driving force in the ongoing transition of the industry towards green energy being focused on the deployment of solar, wind and green hydrogen projects. We are committed to pursuing the potential of hydrogen and related technology as an ideal complement for utilizing and storing renewable energy.

Smartenergy, founded 2011, is headquartered in Wollerau, Switzerland. Beyond our Team in Wollerau, we rely on our own local subsidiaries in all major markets in Europe. Local knowledge and proximity to the industry stakeholders allow us to identify and secure opportunities at an early stage while creating synergies across the entire value chain."



Aeronautic



Space



Defence



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SODARCA

Equipment, systems solutions and technology platforms

Sodarca Defense is a defence solutions provider based in Portugal since 1973. SODARCA is the leading company in equipments, systems solutions and platforms for the Armed Forces and Security Forces. Sodarca Defense promotes, delivers, maintains and guarantees military products, technologies, platforms and systems. Our mission is to add value to national and international public entities. We represent and commercialize carefully selected products. Adaptability, durability and new technologies are essential selection criteria to be able to offer professionals or individuals an optimal experience of our products. We are constantly looking for the best products with NATO combat-proven references.



Aeronautic

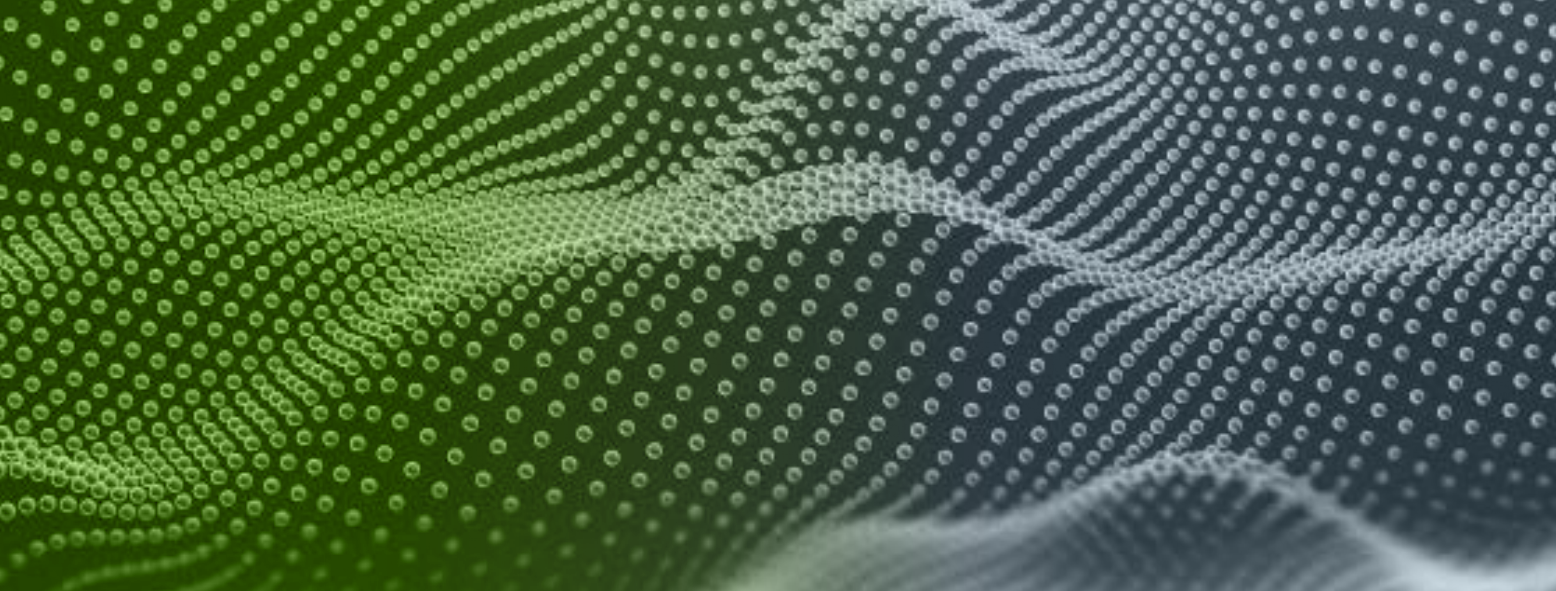


Defence



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SOFT SEGMENT

Softsegment is a safety management (SMS+CMS) software platform provider for the aviation industry, offering comprehensive tools and exceptional customer service to enhance organization safety and ensure regulatory compliance.

Softcraft-SMS is an integrated Safety Management platform that includes a set of modules to meet various needs in operational safety management and compliance monitoring for organizations. The Compliance Monitoring System (CMS) module ensures adherence to regulatory standards set by authorities as well as internal organizational policies. This module provides a structured approach to verifying activities that the organization must comply with, ensuring alignment with industry regulations.

The Risk Management System (SMS) module allows for the identification, assessment, and proactive mitigation of risks across various operational aspects, facilitating informed decision-making and protecting the organization against potential hazards.



Aeronautic

With the Management of Change (MoC) module, organizations can effectively manage and track the impact of introducing changes within their environment, ensuring seamless transitions and minimizing disruptions and associated risks.

The Occurrence Reporting (OR) module serves as a vital tool for capturing, analyzing, and promptly addressing safety incidents, promoting a culture of transparency and continuous improvement within the organization...



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SOLFAESTOFO



Aeronautic

Refurbishment and Upholstery of Aircraft Interiors.

SOLFAESTOFO, founded in 1992 and headquartered in Cernache do Bonjardim, municipality of Sertã, operates in the industrial sector, more specifically in the area of upholstery and clothing.

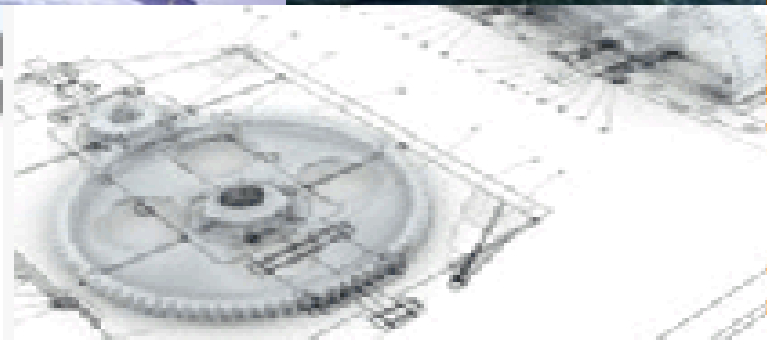
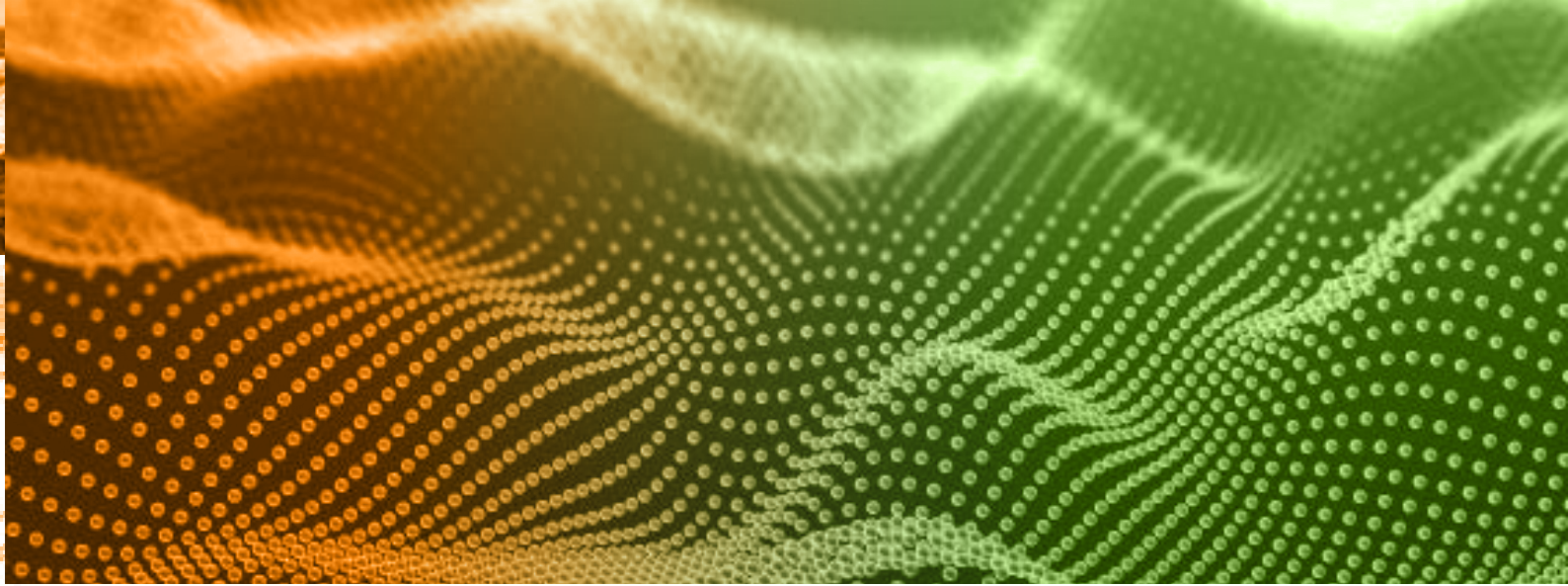
SOLFAESTOFO is specialized in the manufacture and repair of upholstery, essentially for the railway, aeronautical, nautical and road transport sectors, as well as in various uses of furniture in restaurants and hotels, auditoriums and (other) public buildings.

In recent years, SOLFAESTOFO has been increasing its export volume, mainly with the production of seat covers. As the company's objective is to cover and operate in all transport sectors with regard to upholstery and interior renovation, in 2020 SOLFAESTOFO initiated and intensified contacts with AED - the Portuguese Cluster of the Aeronautics, Space and Defence Industries - in parallel with the certification process with ANAC, with the aim of becoming a reference in the area of making covers for aircraft seats.



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SOLINTEP

Solutions for International Engineering Projects Management.

SOLINTEP was born in 2012 from a collaboration between a French Design Office and a Portuguese Manufacture Company.

SOLINTEP was created to maintain proximity to costumers, developing special equipment taking into account their specifics needs.

Experience in project management, comes from our French partner and the work done over the years, with the satisfaction of world renowned customers.

This know-how allows us to fulfill the challenges, developing solutions with the most demanding requirements to ensure the satisfaction of our customer, having as target the best cost, time and quality standards.



Aeronautic



Space

- Reference
- Clients
- Projects
- Products
- Airbus
- Aerolia
- Diehl
- Dassault
- OGMA



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SPACENGINEER



Space

New customized impact absorption solutions.

Every time an aircraft lifts off, a satellite moves into position or a soldier departs on an operational mission, the probability of suffering an impact from a foreign object at high speed is quite high. Whether this impact is caused by a bird, as it is in the case of an aircraft, or, due to space debris in the case of satellites, or through a projectile impact in the case of the operational. These events make the impact absorption area, a crucial area for the mission success of the aforementioned equipment. The current materials used in the manufacture of an aircraft, satellites or bullet-proof waistcoats either require a high investment, such as advanced fibre products, or do not have the capacity to absorb impact, such as carbon components.

With the aim of increasing the level of protection, but without increasing the cost of production SpacEngineer a Portuguese company, based in Coimbra, was created in 2019 to develop new materials with high impact absorption capacity, and at the same time that allow the construction of flexible structures. SpacEngineer besides



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#GOBEYOND



SPEEDBIRD AERO

Unmanned Air Logistics



Speedbird Aero is a leader in the development of intelligent unmanned aircraft systems (UAS). The company's advanced drone hardware and software solutions are designed to tackle a range of logistical challenges, from package delivery to emergency response. Speedbird Aero's mission is to enable safer, faster, and more efficient logistics operations through the use of autonomous drone technology.



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SPIN.WORKS

AOCS & GNC; Deep Space Missions;
Remote Sensing (Space-based +
Airborne); Precision Agriculture

Spin.Works is a space technology company that develops vision-aided AOCS/GNC subsystems, optical instruments with on-board processing, and space mechanisms aimed at applications ranging from Earth Observation to planetary and small body missions, commercial or scientific in nature.

Spin.Works has its own complete suite of drone-based tools for remote sensing applications and Earth Observation applications, with emphasis on precision agriculture and forestry services. Spin.Works has a web-based application (www.mapp.it) where processed satellite and drone data is provided to end-users, and can be visualized and manipulated with custom developed application-specific tools.



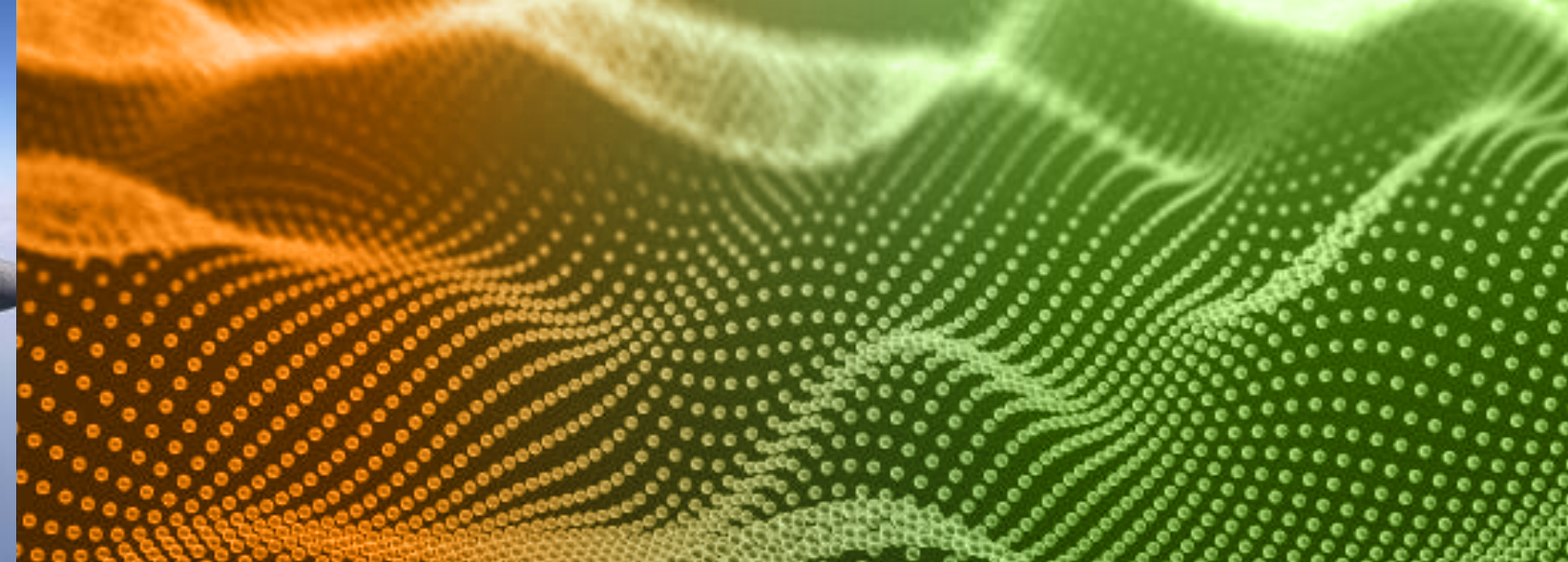
Reference Clients Projects Products

-  ESA
-  DLR
-  OHB
-  GMV
-  Airbus
-  Jena Optronik
-  Ascendi
-  Sogrape
-  Navigator



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STRATOSPHERE

Critical applications of material systems and structures.

Former Critical Materials has agreed the completion of a management buyout that will see the brand relaunch as Stratosphere. The agreement sees the company become a fully-independent, employee-owned entity with the same management team and vision. Critical Materials kicked-off operations in 2009 based on a joint vision of Critical Group and two researchers from the University of Minho / PIEP. Critical Group provides go-to-market support while the two individual founders contributed with a large experience in the field of advanced materials and structures. The founders have 10+ years experience in research and development in the field of structural analysis and advanced materials development and applications. The integration of a group of top researchers and engineers with varied experience in academic and industrial environments created a team highly skilled in providing integrated health & monitoring solutions to current and future challenges in our focus industries: Aeronautics, Space, Defence, Energy and Infrastructures.



Aeronautic



Defence

Reference

 Clients

 Projects

 Products

 Boeing

 Lockheed Martin

 ESA

 PRODDIA (Structural Health Monitoring)



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SYNOPSIS PLANET



Space



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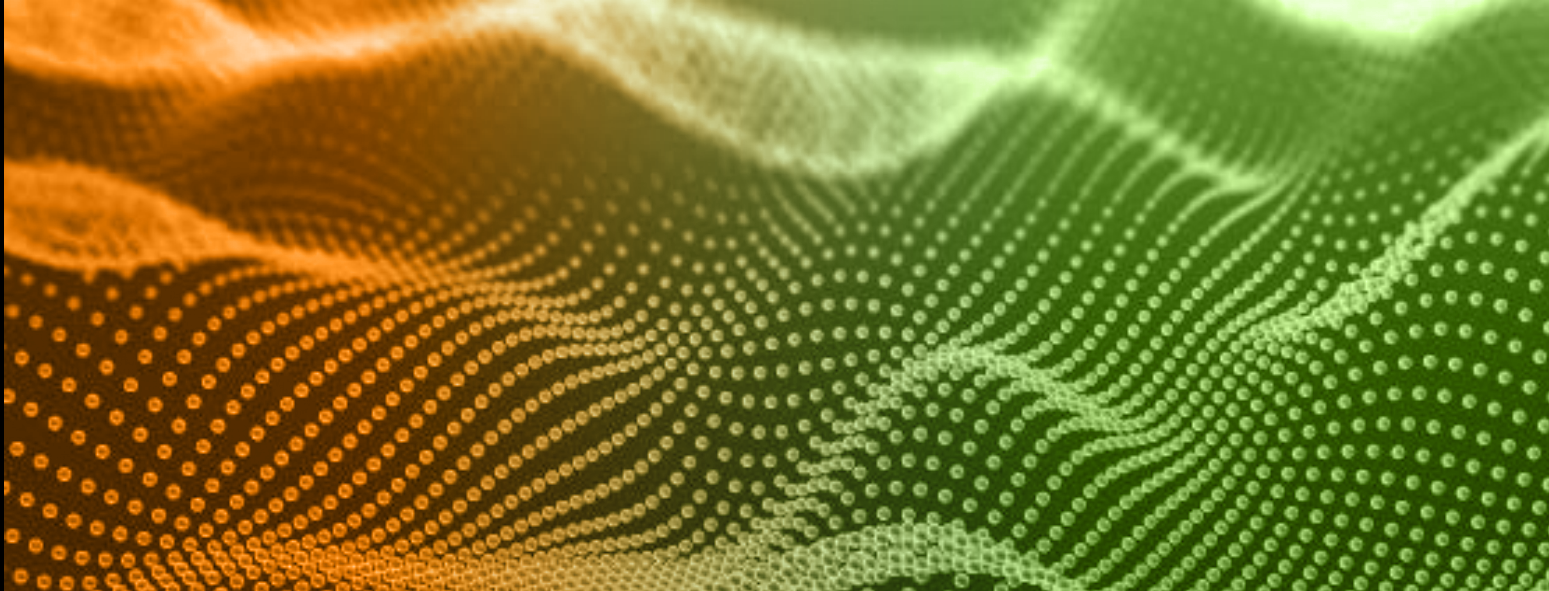
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TBW

Training pilots, instructors, crews & ground staff — Providing audit & consulting services.

Newesly established in Portugal and operating worldwidesince 2016 , our core business is to train pilots, instructors, examiners, cabin crew, nominated persons and ground staff comprehensively. Train-by-Wire | TBW has detailed expertise and professional experience in training on Airbus Fly-By-Wire | FBW (A320 family, A330, A340, A350), ATR and Boeing aircraft. We offer Multi-Crew Cooperation (MCC) training courses, type ratings — including ZFTT or base training — Cross Crew Qualifications (CCQ), ratings revalidation and renewal, and SFI/TRI initial and recurrent training. Ab initio pilot training up to theoretical ATPL and practical CPL/IR ME is available in partnership with carefully selected ATO. Furthermore, the CAA-approved Subject Matter Experts of Train-By-Wire | TBW are available to provide audit services, including LOSA and consulting services across all occupations in the aeronautics sector. Train-By-Wire | TBW is your partner of choice in delivering Crew Resource Management (CRM) training, Human Factors, Human Performance for High Consequence Industries, Human Performance and Limitations (HPL) and Human Performance In Maintenance (HPIM) courses and workshops, Management System (CMM and SMS) training, and Threat and Error Management (TEM) training and implementation to all High-Risk Industries.



Aeronautic



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TEKEVER

Provider of UAVs, satellites, communication systems and related technologies.

TEKEVER was created in 2001 and its development strategy relies on competitive technology development, organic growth and by having an international reach, operating in areas where innovative ICT and Aerospace products can make a significant impact on organizations' activities and people's life.

TEKEVER designs, develops and commercializes advanced technology, products and services in three main areas: digital, unmanned aerial vehicles and space. On digital, TEKEVER is upporting industries to develop the digital side of their business. On UAVs, TEKEVER is currently the main provider for civilian drone-based maritime surveillance services in Europe. On Space, TEKEVER is leading INFANTE, the Portuguese flagship project for the development of a microsatellite as a precursor for future constellations targeted at maritime applications. TEKEVER is also developing the inter-satellite link for ESA missions such as PROBA-3.



Aeronautic



Space



Defence

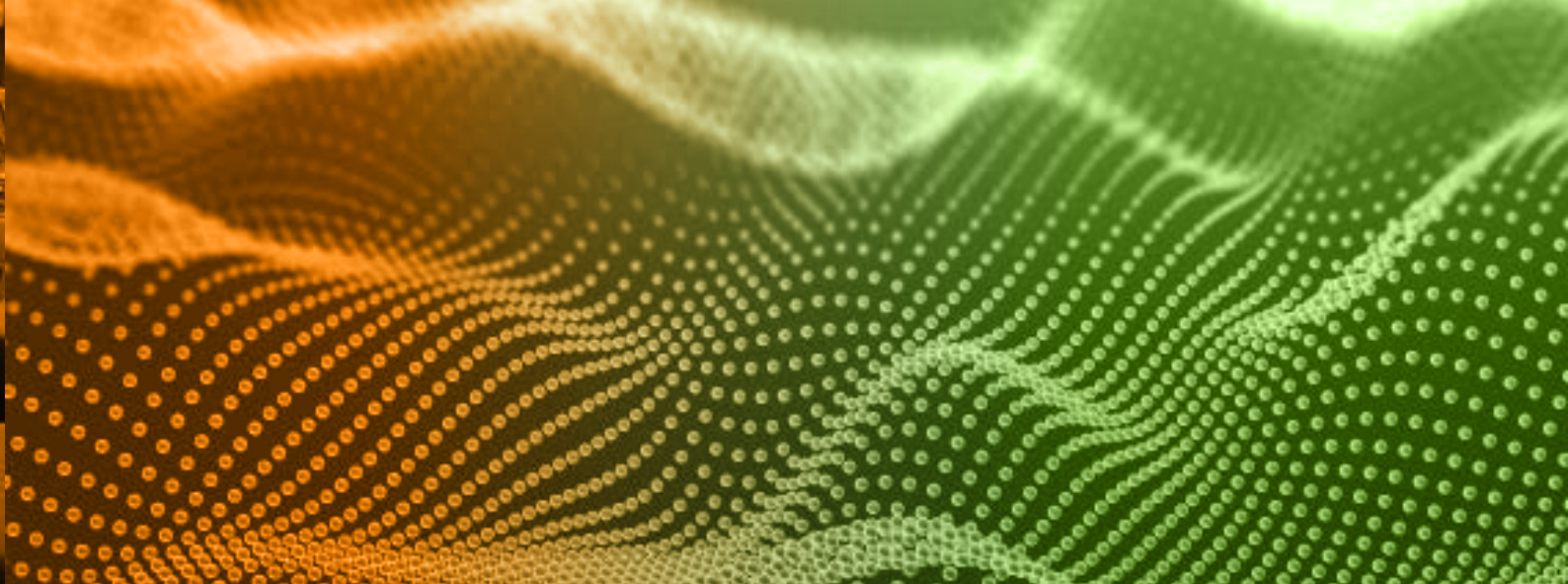
Reference  **Clients**  **Projects**  **Products**

-  ESA
-  EMSA
-  EDP
-  Santander
-  INFANTE
-  PROBA-3
-  REACT
-  AR3 Net Ray
-  AR4 Light Ray
-  AR5 Life Ray
-  GAMALINK

TEKEVER

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THALES EDISOFT PORTUGAL

Defence (naval, maritime, combat, radar), Air and Space Systems; Cyber Security.

EDISOFT is a joint venture between Thales, NAV Portugal and the Portuguese MoD Defence holding, Empordef which promotes and delivers innovative security critical systems, for land, sea, air, space and cyberspace.

Having its HQ located in Lisbon and operating a spatial Ground Station in Santa Maria Island, Azores, EDISOFT is focused on providing its customers permanent access to the most advanced solutions for the Aeronautics, Space, Security and Defence domains.

From the delivery of Naval and Maritime Security world class systems to the development & integration of leading Air Traffic Management systems and highly critical Space software, EDISOFT brings its unique knowledge and expertise's on the development of customized solutions to support and cybersecure some of the most demanding customers worldwide.



Aeronautic



Space



Defence

Reference  Clients  Projects  Products

-  Portuguese Navy – Oceanic Patrol Vessels – OPVs
-  Portuguese Air Force – AIM
-  NAV Portugal – Nav aids / AMHS
-  OHB & ESA – RTEMS
-  EMSA – CleanSeaNet / Orchestra / EODC
-  ESA – Tracking, Galileo
-  EUMETSAT

THALES
Building a future we can all trust

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TRISOLARIS



Aeronautic

TRISOLARIS
Advanced Technologies

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UAVISION

Development and production of unmanned systems and subcomponents.

UAVision have been developing UAS and subsystems since 2005. UAVision has vast technical experience in different technologies, due to its multidisciplinary team with capabilities in aeronautics, electronics, IT, mechanics, and materials (composites).

Our teams can design, build, simulate and test all the systems and subsystems of an unmanned aerial platform, from mechanics and composite construction techniques to navigation and control algorithms.

Our R&D teams work on electronic circuit design, microprocessor programming, RF circuit design, aircraft design, mechanical design, control and artificial intelligence.

We have in-house capability for complete electronics assembly production line, four CNC machines (3 and 5 axes), CNC lathe (X, Z, and Y-axis) fiber laser cutting, robot composite trimming, and full composite workshop.



Aeronautic



Defence

Reference



Clients



Projects



Products

Portuguese Air Force



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UNINOVA

Scientific research, technical development, advanced training, and education.

UNINOVA is a multidisciplinary, independent, and non-profit research institute employing around 180 persons, located in the metropolitan area of Lisbon. It was formed in 1986 by the Faculty of Science & Technologies of the NOVA University of Lisbon, a group of industrial associations, a financial holding and up to 30 companies. It is an active partner of Madan Parque (a business facilitator and accelerator, incubating Micro and SME's through several layers of support to entrepreneurial activity).

The main goal of **UNINOVA** is to pursue excellence in scientific research, technical development, advanced training and education. By working closely with industry and universities, technological innovation is transferred into profitable business concepts and existing products further developed to match new industrial requirements. Due to its tight connection with the University and Madan Parque, UNINOVA has, since its foundation, hosted and supported the development several Ph.D. thesis, as well as the creation of several successful spin-offs.



Aeronautic



Space



Defence

Reference



Clients



Projects



Products

CAPTURE Drone

Vessel AI

i4Q



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UNIVERSITY ATLÂNTICA

Higher Education Institution.

Atlântica was created in 1996 as an institution of public interest, which sought to be a reference oriented to the creation, transmission and diffusion of knowledge, science and technology through the articulation of study, teaching, research and experimental development.

Managed by EIA - Teaching, Research and Administration SA, Atlântica University has been contributing to a change in higher education in Portugal, by fostering the link between industry - higher education university - research, materialized through the creation of a technological pole of development in the field of materials engineering and aeronautical engineering sciences that its core business.

This collaboration will allow the transference of knowledge from technological industries to the university, in a mutual relationship, to train graduates and masters and PhDs through industrial research programs, future professionals with skills really useful for industries.



Aeronautic



Space



Defence

Reference Clients Projects Products

FIDAMC

Airtificial

AEMAC



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UNIVERSITY LUSÓFONA

Higher Education Institution.

The Lusófona University of Humanities and Technologies has managed over the years to assert itself as the largest Portuguese higher education institution in the private and Cooperative sub-sector.

Our main mission is to contribute, through the teaching and research activities, to the scientific, cultural, economic and social development of Portugal and of all countries where the Portuguese language is spoken.

Today, the demand for higher education reaches levels never seen in the past and higher education institutions are faced with increasingly diversified audiences. Many of these students represent different audiences, such as mature students or those of foreign origin, who pose new and stimulating challenges to institutions.

In order to pursue these goals, the University develops training, research and service activities in the most diverse areas of knowledge relevant to society, and constantly and actively seeks to establish itself as a valid and indispensable partner for all those who, like us, believe that higher education and knowledge are the main drivers of the development and progress of our society.



Aeronautic



Space



Defence



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UNIVERSITY OF AVEIRO

Higher Education Institute.

The University of Aveiro (UA) is a public foundation under private law. In the university panorama, it stands out for the quality of the infrastructure it offers, the quality of the research it develops, the excellence of its teaching and scientific staff, as well as the transfer of knowledge and cooperation with society.

It currently has 16 departments and 4 polytechnic schools, with around 13,700 students, and hosts 20 research units that bring together researchers from the various departments and polytechnic schools. The matrix character of its organizational structure is the basis of an inter and transdisciplinary investigation, based on the sharing of experiences and knowledge, on the improvement of practices and on the promotion of joint projects between researchers from different scientific areas. Most of these projects are developed within the scope of the 20 UA Research Units, all classified as Excellent or Very Good in the last evaluation process promoted by FCT (the Portuguese Science & Technology public agency).



Aeronautic



Space



Defence



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UNIVERSITY OF BEIRA INTERIOR

Higher Education Institution.

One of the youngest Portuguese public universities and one of the most sought after internationally in our country, **UBI** has several teaching and research centers, structured in 5 different Faculties with 18 research units that have been carefully implemented.

The units and services are strongly committed to always achieving outstanding levels of performance, both in teaching and in research, for the benefit of all involved.

The presence of **UBI** in the ranking of the 200 best universities of THE Young Universities and in the 601-800 level in the ranking of the world's universities in Times Higher Education (among others also, for example, U-Multirank) proves, unequivocally, the sustainable competitiveness and growth of the University.

Results range from effective knowledge transfer, entrepreneurship, international R&D projects and consortia, along with spin offs based on research results from undergraduate, graduate and research students.

The results of the research carried out at UBI is demonstrated by the approved projects financed by the



Aeronautic



Space

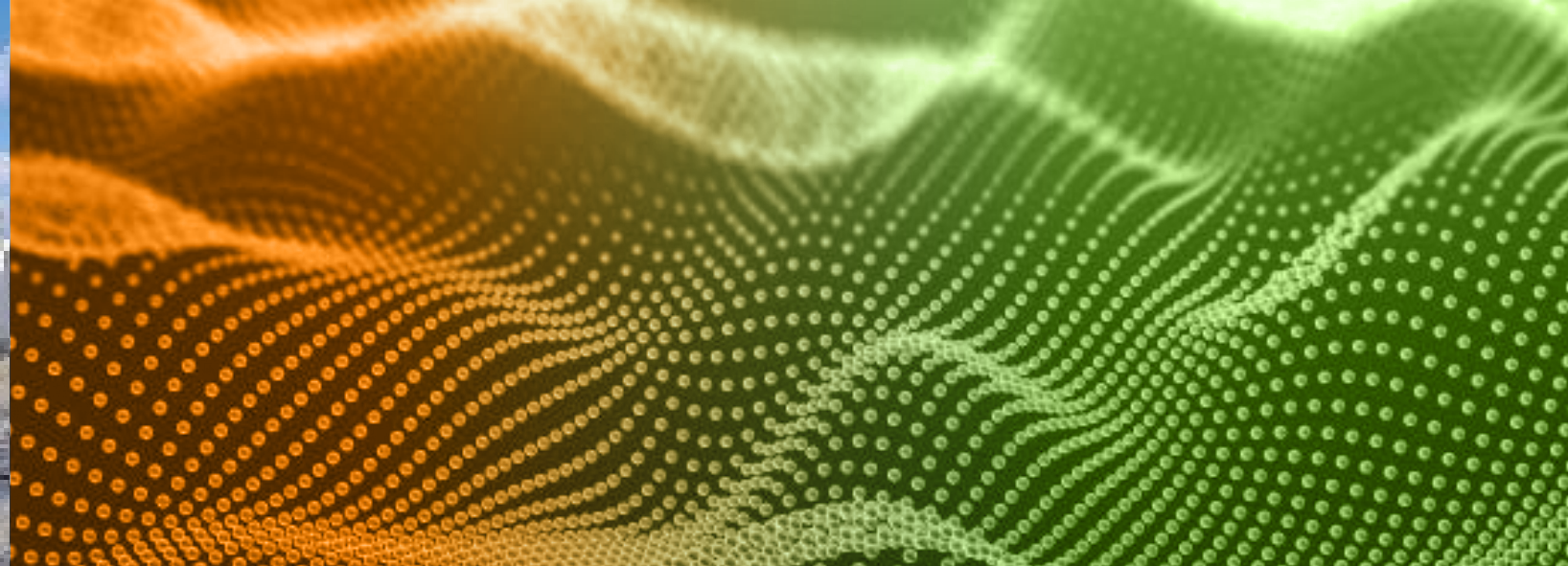


Defence



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UNIVERSITY OF COIMBRA



Aeronautic



Space



Defence

Higher Education Institution.

The oldest university of the country and one of the oldest in the world. Recognised in 1290 by Pope Nicholas IV, a century after the birth of the nation, the University of Coimbra germinated. It starts operating in Lisbon but, in 1308, it is transferred to Coimbra, alternating between the two cities until 1537, when it is definitely settled in the city of river Mondego.

Initially confined to the Royal Palace, the University spread throughout the city of Coimbra, while modifying its landscape and making of it the University City. It later enlarged with the creation of a second Campus, dedicated to Engineering and Technology, and with a third Campus devoted to Health Sciences.

To study at the University of Coimbra is to pursue the intellectual history of the country in the school that graduated some of the most distinguished personalities of national culture, science and politics.

UC has is actively involved within the Aerospace and Defence ecosystem through its Department of Electrical and Computer Engineering, as well as the Mechanical Engineering Department.



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UNIVERSITY OF ÉVORA



Aeronautic



Space



Defence

Higher Education Institution.

The mission and aims of University of Evora (UÉvora) is based on the need to contribute with adequate training and research to the needs that result from the foundation of the Aerospace and Defense hub in Alentejo, Portugal. Along with the training and research activities co-funded by national and international entities, we are also doing research projects for enterprises under bilateral and multilateral contracts. An increasing proportion of the research activity is being funded by large European Institutions as well as by industries. Our range of technical laboratories and qualified staff allow us to engage in applied research aiming to resolving technological locks or competitive development based on technology applied in new products or processes. UÉvora is interested in partnerships with companies in the general field of training (aerospace, mechatronics, energy, industrial management, computer science), research and development within engineering design, energy and environment.

Reference Clients Projects Products

-  CoLab Laboratory Digital Transformation
-  Experiencing the Future (DTx)
-  European Project AERIS



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UNIVERSITY OF PORTO - FEUP

Higher Education Institution.



Aeronautic



Defence



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VB FRESAGEM

CNC Machining for: Aerospace and Aeronautics

Founded in 1991, VB Fresagem, Lda is a company specialized in the machining of parts and tools for several industrial sectors, becoming a reference company in the field of high precision CNC machining. It is certified according to ISO 9001 and EN 9100 normative standards. Located in Marinha Grande, Portugal, the company has know-how, technology, and an experienced and dynamic team that, through software and CNC machines of 3, 5, and 6-axis, makes a difference in several markets.

VB Fresagem, Lda provides CNC services to aeronautic, aerospace, defense, automation, automobile, robotics and energy industry.

VB Fresagem, Lda belongs to Batista Group with other two companies, BatistaMoldes, Lda and BM2 Tools, Lda also located in Marinha Grande.



Aeronautic

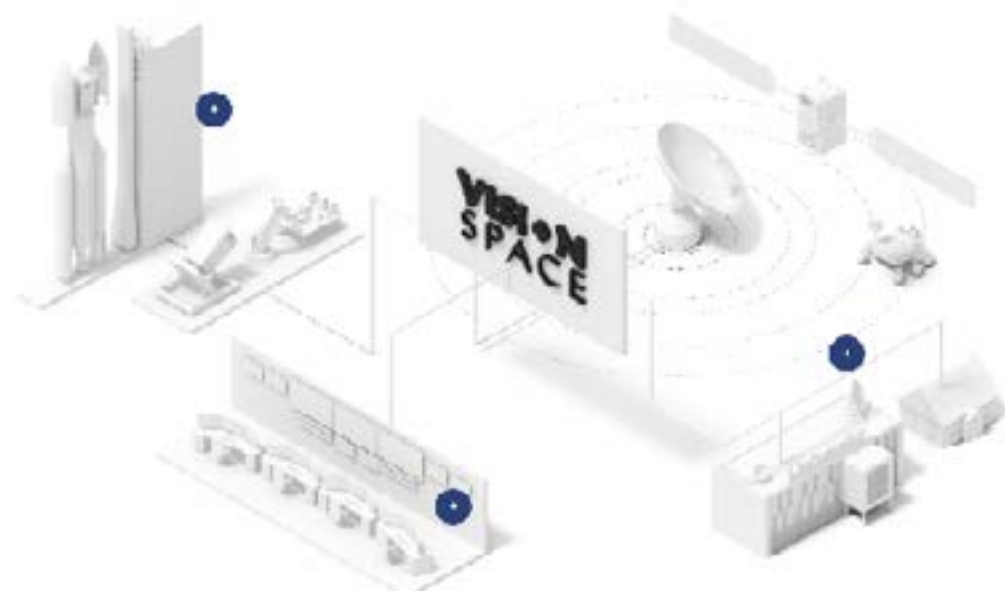
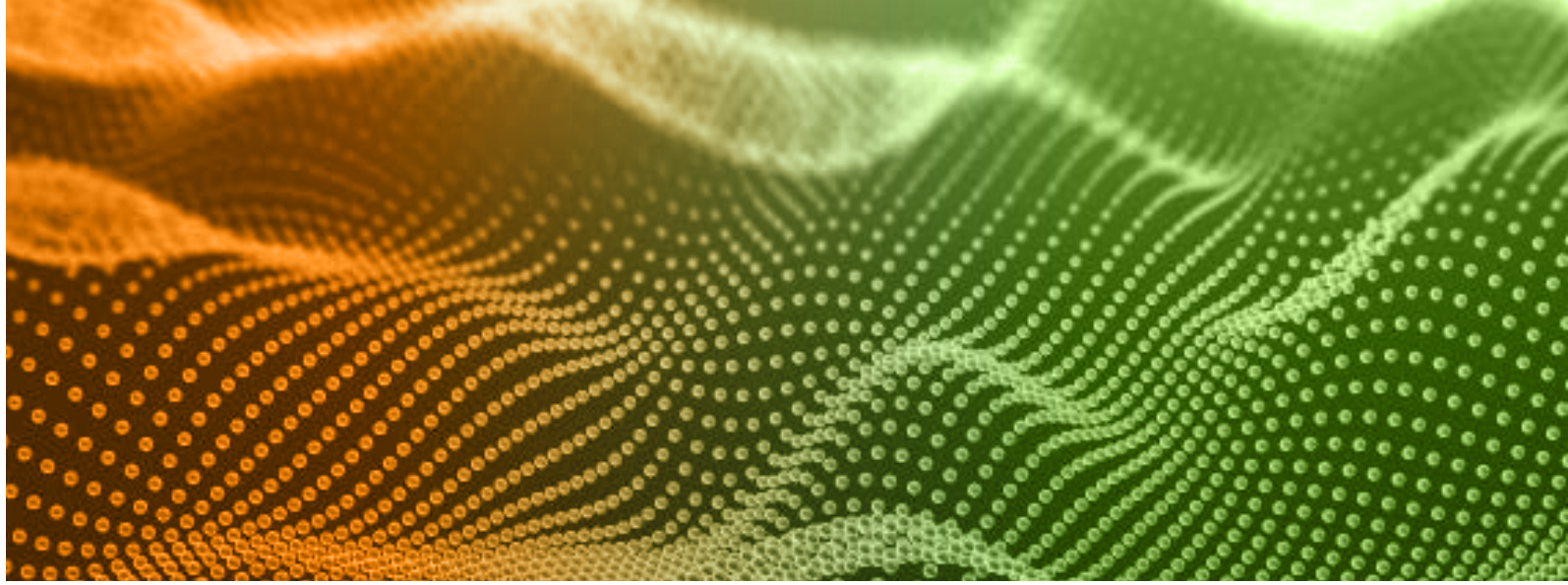


Space



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VISION SPACE



Defence

Enterprise-level solutions for satellite missions.

VisionSpace Technologies GmbH, is a German engineering company with business in Space and Cybersecurity industries. In the Space industry, it develops activities across a variety of domains ranging from operations, infrastructure, astrodynamics, ground-stations and end-to-end engineering. Our main customers are pan-European space agencies and commercial space companies.

Since its foundation in 2011, VisionSpace has been growing sustainably, gathering distinctive competencies allowing us to innovate towards today's state of the art systems and technologies. This healthy growth also led us to expand and create Vision Intelligent Systems UG and Lean Space Unipessoal Lda..

The group employs more than 30 staff that are actively trained to attain new competencies and bring new ideas and approaches that cover gaps in the market. VisionSpace and Lean Space are totally owned by the two Portuguese founders that manage the company independently with financial self-sufficiency.

All activities within the group rely on a strong R&D strategy financed either by the company's re-investment funds or by the available public funds (national and European). The R&D is often done in strict collaboration with public and private entities, providing valuable inputs and insights that allow us to have a better understanding of the real problems. This is key to the groups' strategy, a close follow up of the technological trends and develop alternative approaches and solutions to operational environments and real-life challenges



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VORTEX COLAB



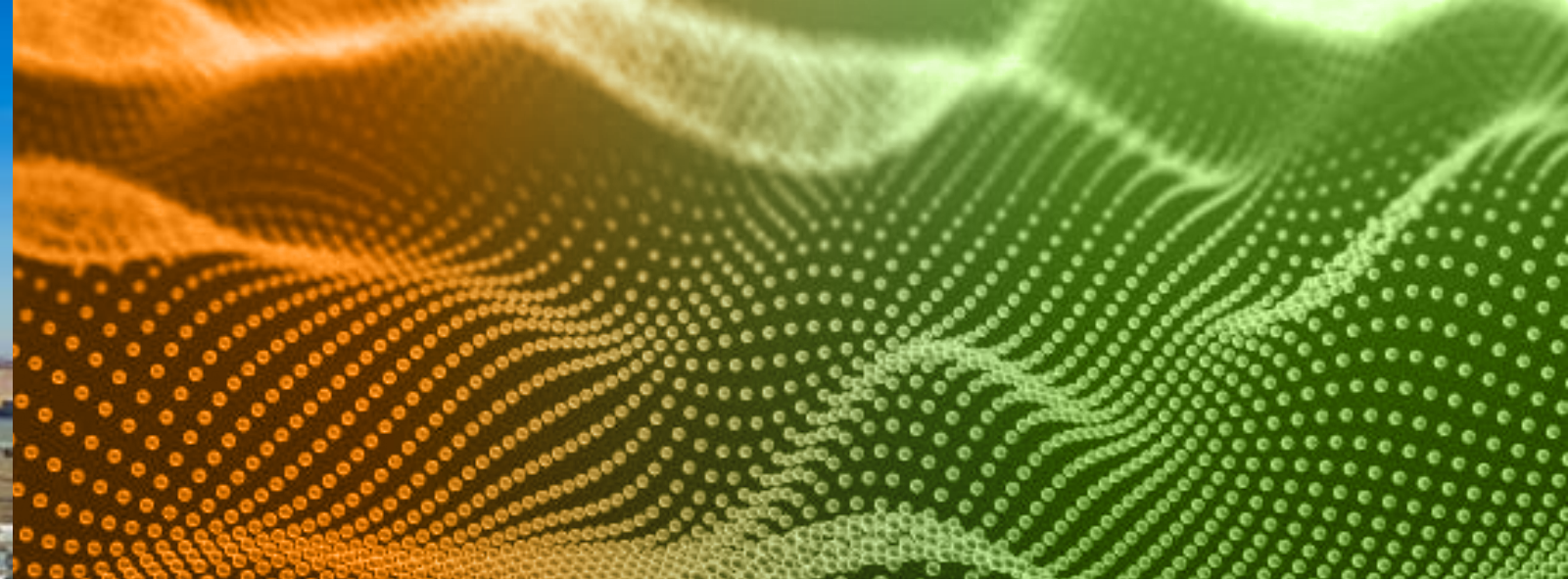
Space

VORTEX-CoLab is an applied research and innovation center focused on creating a wide range of technological building blocks, tools, and solutions related to the security and protection of cyber-physical systems, as well as applications in data perception and visualization domains that address existing market challenges. We develop various projects related to the security and protection of mixed-criticality systems, including the design of new reference architectures (e.g., microservices in space), automated formal verification of embedded systems, use of Trusted Execution Environments (TEE) for extending trust chains and protecting critical security processes, and modules for perception and visualization applications.



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WAVECOM

Software Expertise, Industry 4.0 and Digital Transformation

Wavecom is a communications engineering company born in 2000, which focuses on innovating and creating its own and differentiating solutions.

The company develops and implements Network projects to support the remote management of waters, the logistics of Seaports and Airports, as well as Hospitals, Universities and Transport, among other types of companies.

It also invests in the continuous development of its own products and solutions for 5G Networks; Internet of Things; Industry 4.0; Solutions for passenger transport; Smart Cities; Smart Agriculture; Smart Environment and Smart Coast.



Aeronautic



Space



Defence



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ZEENTECH



Aeronautic



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